

A 1581  
Feb. 16, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
February 16, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Fred F. Cooper, Thomas J. Corcoran,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I.  
Moskowite, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

BOARD MEMBER ABSENT:

Harry Britt.

ADVISORY COUNCIL MEMBER  
PRESENT:

Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Daniel Goalwin, Richard W. Grieves,  
Peter Hess, Dario Levaggi, Edward  
W. McHugh, John F. Powell, Lewis  
H. Robinson, Kildae Gooseff.

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Chairperson Rudee called the meeting to order at 9:47 A.M.

### PUBLIC PRESENTATION

There was none.

### APPROVAL OF MINUTES OF FEBRUARY 2, 1983

Mr. Feldstein requested a correction on page 6, paragraph 5, line 1, to read, "... clarified that the funding sanctions have ...".

Mr. Feldstein called attention to page 5, paragraph 7, line 4, in which he had stated a public hearing had been scheduled for February 16, 1983. He advised he had misspoken in providing that date to the Board.

Mr. Doetsch moved approval of the minutes as corrected; seconded by Mr. Ogawa; carried.

### COMMUNICATIONS Rod Diridon, Secretary

The following communications were presented:

Peter J. Fearey, Vice President  
California Council for Environmental and Economic Balance

Shirley J. Campbell, Vice Chairperson  
Advisory Council

Stuart Rupp, Managing Partner  
California Environmental Technology

### REFUNDS

The report entitled, Refunds, dated February 10, 1983 was presented.

### TRANSFER OF FUNDS

The report entitled, Transfer of Funds, dated February 10, 1983 was presented.

### AUTHORIZATION FOR CHAIRPERSON TO SIGN AIR MONITORING LEASE

The APCO's report entitled, Authorization for Chairperson to Sign Air Monitoring Lease Renewal, dated February 10, 1983 was presented.

Adopted Resolution No. 1439, In the Matter of Authorizing the Execution of an Air Monitoring Station Lease.

### REFERRALS

The report entitled, Referrals, dated February 10, 1983 was presented.

On motion of Mr. Corcoran; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:



AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT.

REPORT OF PERSONNEL COMMITTEE  
Chairperson Silver

Ms. Silver stated the Committee met prior to the Board meeting to review the applications received for the Registered Professional Engineer category on the Hearing Board; that the Committee had decided on four candidates they wish to interview and would be so doing commencing at 8:30 A.M., March 2, 1983, prior to the Board meeting. She asked Chairperson Rudee to set the Regular Board Meeting for 10:00 A.M. on that date to enable the Personnel Committee to complete all the interviews, to which Chairperson Rudee agreed.

Ms. Silver stated the Committee had discussed the terms of the Advisory Council; that a proposal to institute staggered terms had been made on a motion by Mr. Diridon, which motion had failed 3-3; that the Personnel Committee had agreed the matter could be brought to the Board without recommendation so that Mr. Diridon could renew his motion.

She advised the Committee had met in Closed Session to discuss individuals presently serving on the Advisory Council, but that no decisions had resulted; that after the Closed Session the Committee decided to permit additional applications to be received for the Advisory Council.

Ms. Silver reported on the Committee's discussion on 2 elements of the actions of the Advisory Council and of its utility to the Board, stating it would be appropriate to send a letter to the Advisory Council advising that the Personnel Committee has not resolved the question of reappointments of the Advisory Council members, but that discussion had taken place on various aspects of the Advisory Council's functions.

After reviewing Mr. Powell's suggestion outlined in his letter to the Personnel Committee, dated February 7, 1983, Mr. Diridon moved establishment of staggered terms for the Advisory Council, the achievement of which is to be based on Mr. Powell's suggested methodology as follows:

1. As to 10 of the positions, the Board could reappoint present members, or appoint new members, to two-year terms commencing upon the expiration of their previous terms.
2. As to the other 10 positions, the Board could indicate that it would take no action at this time and that it



intended the present incumbents to continue in these positions until December 31, 1983. Toward the end of the year the Board could then reappoint these members, or appoint new members, to these 10 positions for a two-year term commencing on January 1, 1984.

seconded by Ms. Silver.

Mr. Diridon pointed out that this method would result in the second group of 10 positions having a 3-year year term first, in order to establish the staggered relationship; that with this process, no member would have a short-term and no member would lose the right of office.

Messrs. Bort and Ogawa explained the reasons for their opposition to the motion. Mr. Aramburu spoke in support of the motion.

Mr. Cooper made a tabling motion to defer consideration of staggered terms until after the Advisory Council meets and has an opportunity to comment; seconded by Mr. Bort.

Director Speier expressed her frustration at the length of time already spent on this issue, and after further discussion the motion failed on roll call:

AYES: BORT, COOPER, LANDIS, OGAWA.

NOES: ARAMBURU, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, McPEAK, MOSKOWITE, NICOLOPULOS, RUDEE, SILVER, SPEIER, WILSON.

ABSENT: BRITT.

Mr. Diridon reviewed his motion, after which the motion carried on roll call:

AYES: ARAMBURU, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, McPEAK, NICOLOPULOS, RUDEE, SILVER, SPEIER, WILSON.

NOES: BORT, COOPER, HUGHAN, LANDIS, MOSKOWITE, OGAWA.

ABSENT: BRITT.

Suggesting Mr. Oppenheimer might wish to relay her message to the Advisory Council, Chairperson Rudee reviewed the time spent discussing this issue, stating there may be some difficulty at this point in making the adjustment, but that once staggered terms start, everyone will have 2-year terms and there will be some assurance of continuity. She commented on the excellence of the resumes and service of the present Advisory Council members, stating there is no indication the same kind of people will not continue for 2 years, but that sometimes there is some benefit in making adjustments in accordance with the majority of the people sitting on the Board; that the Board is aware of and appreciates the work and time spent by the Advisory Council members; that she



hoped the Advisory Council will take this adjustment in the manner that it has been presented - with controversy, some disagreement, but certainly with the hope the Advisory Council will continue in the manner it has and that it will continue to attract such fine people as have served in the past.

Ms. Silver moved a formal letter be sent to the Advisory Council advising of the Board's vote and that the Board request the Advisory Council at its next meeting to "draw straws" or such other fair methodology and advise the Board the names of the persons who should have 2 year terms and those who should, in essence, have 3 year terms; seconded by Mr. Aramburu.

Mr. Diridon reviewed attendance considerations, after which Mrs. Rudee referred to the Attendance Policy adopted by the Board on June 10, 1970.

After further discussion, the motion failed on roll call:

AYES: ARAMBURU, RUDEE, SILVER, SPEIER.

NOES: BORT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, WILSON.

ABSENT: BRITT.

Mr. Oppenheimer expressed the appreciation of the Advisory Council for the time taken by the Board to discuss the Council, and stated the Council feels its advisory input is important; that the Board does not waste its time in discussing the Council.

After reviewing Mr. Feldstein's comments at the Personnel Committee meeting relating to the Advisory Council, Mr. Bort moved Mr. Feldstein to prepare a draft letter for consideration by the Board, which would outline a direction the Board would support in giving to the Advisory Council, so that the Board can clear up any misunderstanding as to the relationship and, to some extent, the emphasis the Board would expect to come from the Advisory Council; that the letter should not limit the Advisory Council to long-range planning, but should give some emphasis to that without limiting their initiative if they see an area where their involvement would be valuable; that after consideration by the Board, the letter would eventually be transmitted to the Advisory Council; seconded by Ms. Silver; carried on voice vote.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO REGULATION 9,  
RULE 1, REGARDING SULFUR DIOXIDE

Mr. Feldstein reviewed his report entitled, Public Hearing to Consider Amendments to Regulation 9, Rule 1: Sulfur Dioxide, dated February 10, 1983, with respect to fruit drying operations, stating that as a result of numerous Violation Notices issued to fruit drying operations which exceeded the Regulation limitation of 300 ppm of SO<sub>2</sub> coming out of a vent, the fruit drying Association applied for a class action Variance before the Hearing Board;



that the Variance was granted, after which the Association instituted a study on methods to reduce emissions of SO<sub>2</sub> from fruit drying operations; that this study is one of the bases of the regulatory change proposed today.

Mr. Hess continued the review of the proposed Amendments, advising that Staff proposes adding a new emission limitation for the drying of fresh fruit and deleting a duplicative mass emission limitation for sulfur recovery and acid plants.

In response to Ms. Silver's inquiries, Mr. Hess stated the limitation for fruit drying is the amount of sulfur per ton of fruit being put into the house; that only the concentration limitation for sulfur and acid plants, measured by what is emitted through the stack, will remain in effect.

Responding to Mr. Aramburu's concerns, Mr. Feldstein stated the District's Regulations have been so stringent with respect to sulfur dioxide, that there have been no real problems in the Bay Area connected with health hazards or acid rain; that the District is attainment for both the State and Federal sulfur dioxide standards.

Chairperson Rudee opened the public hearing at 10:42 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Frank Mosebar, Executive Vice President  
Dried Fruit Association

spoke in support of the Amendments, stating they provided an equitable solution to a long standing problem.

In discussion on the affect of the Amendments on small farmers involved in fruit drying, Mr. Mosebar stated there were very few small farmers still involved in fruit drying; that out of necessity, the small farmer would go with a commercial drying operation; that the results of DFA's study has been passed onto all known fruit drying operations; that the small fruit drying operator would have to meet the requirements of the Regulation in the same manner as the larger drying operators.

In response to Chairperson Rudee's comments, Mr. Feldstein stated the purpose of the Regulation is to limit the amount of sulfur in commercial operations; that there may be 2-3 small farmers drying fruit, whose operations will not cause a problem; that small farmers can use the same amount of sulfur, seal their houses in the same manner, and achieve the same results as the larger fruit drying operations.

Ms. Silver referred to the 2-stage process involved in fruit drying, and questioned if the group involved in the first stage had been consulted and notified of the amendments, to which Mr. Feldstein responded there had never been any trouble with this group as they had always met the requirements. Mr. Mosebar stated his



Association had contacted all the driers of which they were aware; that as a part of the Variance granted, two driers, not members of DFA, became familiar with the work being done and subsequently became members of the class action Variance.

Frank Stead  
American Lung Association

spoke on the public health aspects of fruit sulfuring operations pertaining to both the employees involved in the operation and to nearby employees and residents, stating the proposed Amendments give a practical handle to the operation of sulfur burning; that the Amendments are a great step forward and correct one of the major loopholes in the District's air pollution program; that a record keeping requirement is favorable to the public, because it provides a method to adequately monitor a sulfuring operation. In response to Ms. Speier's inquiry, he outlined the health hazards that would result if there were none of the restrictions as set forth in the Regulation.

Dale F. Obenhauer  
Shell Oil Company

spoke in support of the proposed Amendments.

Mr. Ogawa moved the Public Hearing be closed at 10:59 A.M.; seconded by Mr. Doetsch; carried.

Mr. Ogawa moved the adoption of Resolution No. 1440, In the Matter of Amending Rule 1 of Regulation 9 Relating to Sulfur Dioxide; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, McPEAK, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, CORCORAN, LANDIS, SILVER.

#### LEGISLATIVE REPORT

Mr. Feldstein reviewed his report entitled, Legislative Report, dated February 8, 1983, stating the Staff was asking the Board to take a position on each of the Bills.

Mr. Aramburu moved the Board endorse all the Staff's recommendations relating to the Bills included in the Legislative Report; seconded by Mr. Ogawa; carried on voice vote.

#### REPORT OF AIR POLLUTION CONTROL OFFICER Milton Feldstein

Mr. Feldstein reported the matter of strengthening the I&M program has been assigned to the Joint Air Quality Planning & Advisory Committee, which is in the process of drafting a proposed policy



statement; that the Committee had requested the statement be returned by mail for their review; that recommendation had been made to send the final policy statement to Senator Presley for comment.

Director McPeak expressed her concerns about the possibility of growers in her area being part of some association impacted by the Amendments adopted today and which may have contributed to her campaign; that because the Board members are operating under new rules, there was a possibility of a problem.

Mr. Powell responded that the Bill to which she was referring did not apply to this Board of Directors because of the quasi-legislative nature of the Board.

#### CHAIRPERSON'S REPORT

Helen B. Rudee

Chairperson Rudee reminded the Board of the March 2, 1983 Board meeting at which an orientation workshop will take place; that the meeting will begin at 10:00 A.M.

#### BOARD MEMBERS' COMMENTS

Mr. Bort moved Mr. Feldstein to send Mabel Harder a bouquet of flowers with "get well" wishes on behalf of the Board; seconded by Mr. Ogawa; carried.

#### OTHER

Mrs. Gooseff called attention to the adoption by the Board on January 19, 1983 of Resolution No. 1435, In the Matter of Approving the Reclassification of the Agricultural Research Specialist Position, by voice vote, advising such adoption by voice vote was in error; that all Resolutions must carry or fail on roll call. She asked the Board approve for the record the roll call for Resolution No. 1434, In the Matter of Appointing a Member of the Hearing Board, also adopted on January 19, 1983, as that for Resolution No. 1435. After discussion on the propriety and need for a request for approval, the Board indicated its approval by unanimous voice vote.

#### TIME AND PLACE OF NEXT MEETING

10:00 A.M., Wednesday, March 2, 1983, 939 Ellis Street, San Francisco, California.

Chairperson Rudee stated she wanted the meeting adjourned in memory of Peggy McKinney, a District employee for 24 years, who died on February 11, 1983; so moved by Mr. Ogawa; seconded by Mr. Doetsch.

The meeting adjourned at 11:13 A.M. in memory of Peggy McKinney.



Respectfully submitted,

Mabel Harder  
Clerk of the District

By Kildae Gooseff  
Assistant to the Clerk of the District

MH:KG:cc



**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**



41581  
Mar. 2, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
March 2, 1983  
10:00 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P.  
Bort, Harry G. Britt,  
Thomas J. Corcoran, John F.  
Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr.,  
Robert H. Hughan, L. N.  
"Judge" Landis, Harold I.  
Moskowite, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

BOARD MEMBERS ABSENT:

Fred F. Cooper, Sunne Wright  
McPeak.

ADVISORY COUNCIL MEMBERS  
PRESENT:

Stana D. Hearne, Jack C.  
Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F.  
Bell, Hulan F. Brinkley,  
Laurence G. Chaset, Daniel  
Goalwin, Peter Hess, Terry Lee,  
Dario Lavaggi, Edward W. McHugh,  
John F. Powell, Lewis H. Robinson,  
Kildae Gooseff

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Chairperson Rudee called the meeting to order at 10:19 A.M.

APPROVAL OF MINUTES OF FEBRUARY 16, 1983

COMMUNICATIONS

Rod Diridon, Secretary

The following communications were presented:

Mabel Harder  
Clerk of the District

Robert S. Skidgel, President  
Coalition of Labor and Business

George A. Hess

REFUNDS

The APCO's report entitled, Refunds, Dated February 24, 1983, was presented.

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report-Report Period January 21, 1983, through February 20, 1983; Director of Permit Services Division Monthly Activity Report - January 21, 1983 to February 22, 1983; Director of Planning Monthly Activity Report, January 19 through February 15, 1983; Director of Technical Services Monthly Activity Report, January 16, 1983 through February 15, 1983; Director of Planning Monthly Activity Report, January 19 through February 15, 1983; Director of Technical Services Monthly Activity Report, January 16, 1983, through February 15, 1983; Director of Public Information Monthly Activity Report-January 25 - February 25, 1983; Status of Legal Matters: January 24 - February 22, 1983.

TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds and Purchase of Capital Equipment, dated February 24, 1983 was presented.

Adopted Resolution No. 1441, In the Matter of Authorizing the Transfer of Funds Within Source Test Accounts.



AUTHORIZATION FOR CHAIRPERSON TO SIGN RENEWAL SERVICE  
AGREEMENT WITH MOTOROLA COMMUNICATIONS

The APCO's report entitled, Renewal Service Agreement with Motorola Communications, dated February 24, 1983 was presented.

Mr. Bell called attention to the cover memo accompanying the Renewal Service Agreement, stating the memo should be corrected to read "...\$1595.50 per month..."; that the Contract and the Resolution were correct.

Adopted Resolution No. 1442, In the Matter of Authorizing the Chairperson to Sign a Contract for Radio System Maintenance.

AUTHORIZATION FOR CHAIRPERSON TO SIGN PURCHASE  
ORDER FOR VEHICLES

The APCO's report entitled, Purchase Order For Vehicles, dated February 24, 1983 was presented.

Adopted Resolution No. 1443, In the Matter of Authorizing the Chairperson to sign a Purchase Order for Eleven Automobiles.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES:            ARAMBURU, BORT, BRITT, CORCORAN,  
                  CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN,  
                  LANDIS, MOSKOWITE, NICOLPULOS, OGAWA,  
                  RUDEE, SILVER, SPEIER, WILSON.

NOES:            NONE.

ABSENT:        COOPER, McPEAK.

REPORT OF PERSONNEL COMMITTEE  
Carol Ruth Silver, Chairperson

Chairperson Silver stated the Committee had met prior to the Board meeting to interview candidates for the Registered Professional Engineer category on the Hearing Board; that after interviewing the four excellent candidates, the Committee recommends the appointment of Mr. Henry J. Ongerth, a retired Registered Professional Engineer, from Berkeley, and reviewed his background.

Ms. Silver moved appointment of Henry J. Ongerth to the Hearing Board; seconded by Ms. Speier; carried on roll call:

AYES:            ARAMBURU, BORT, BRITT, CORCORAN,  
                  CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN,  
                  LANDIS, MOSKOWITE, NICOLPULOS, OGAWA,  
                  RUDEE, SILVER, SPEIER, WILSON.

NOES:            NONE.

ABSENT:        COOPER, McPEAK.



## DISTRICT ORIENTATION WORKSHOP

Mr. Feldstein stated the District orientation workshop would consist of lectures by each of the Division Heads on their operations, an overview of air pollution problems, and a tour of the District's various operations. He requested Chairperson Rudee to authorize another workshop in 1-2 months on regulatory structure, to which Chairperson Rudee agreed.

By means of slides, Mr. Feldstein reviewed some of the air pollution problems faced by the District, what the causes and effects are, and why the District is concerned. He stated the District's concern is controlling the emissions of air contaminants, and reviewed the categories into which the contaminants are placed, because they are the result of industrial, commercial and transportation activities occurring in the Bay Area.

Referring to the slide entitled, Table 1 Air Contaminants, Mr. Feldstein explained the various air pollution problems resulting from nitrogen oxides and organic compound emissions, particularly with respect to ozone formation. He outlined the problems encountered from sulfur oxides, particulate, carbon monoxide, and hydrogen sulfide emissions, specifically relating to visibility reduction, health and odors.

In discussion of the slide entitled, Table 2 Sources of Air Pollutants, Mr. Bort questioned why organics was not circled as a major source with regard to the process of fuel combustion, to which Mr. Feldstein stated that was an error; that in preparing the chart he had been looking at the combustion of fuel primarily in boilers, in which very little organics are produced; that deleting the reference on the chart to gasoline would make the chart correct.

In response to Mr. Aramburu's inquiry, Mr. Feldstein stated there are problems with asbestos in the Bay Area in terms of demolition of old buildings with asbestos-wrapped pipes, but that the District has a Regulation requiring a specific way of handling the asbestos; that it is not a major airborne problem in the Bay Area.

Mr. Cunningham questioned what percentage of the gases produced from open burning would be CO<sub>2</sub> rather than CO. Mr. Feldstein responded that open burning was the least efficient method of combustion; That CO<sub>2</sub> is relatively low in open burning, while CO is very high, because the carbon is not completely oxidized; that the exact percentages will be made available to Mr. Cunningham.

Responding to Ms. Speier's comments, Mr. Feldstein stated a permit is required for demolition of buildings, notification prior to the demolition is required, and the District's Regulations require certain ways the waste must be handled; that most demolition companies are well aware of the regulatory requirements.



Mr. Feldstein reviewed the slide entitled, Table 3 Local and Area Wide Air Pollution Problems.

Chairperson Rudee introduced Ms. Stana D. Hearne, member of the Advisory Council and Chairperson of the Air Quality Planning Committee.

Referring to the slide entitled, Figure 1 Photochemical Smog-Ozone, Weather, Mr. Feldstein reviewed the ozone problem faced by the District, stating the District is non-attainment in terms of the Clean Air Act requirements for the ozone standard. He stated it was not a matter of a single source contributing to the formation of ozone, but rather the ubiquity of all of the sources that contribute to the NO<sub>x</sub> and hydrocarbons in the Bay Area; that although these emissions are put into the air daily, the majority of days do not have ozone formation; that weather plays a major role in whether or not there is ozone formation, and that it is dependent on the period of time when there are very strong inversion layers over the Bay Area.

In discussion on certain conditions necessary for ozone formation, Mr. Feldstein stated the District has concentrated in its regulatory program on the reduction of hydrocarbons, and that it is the basis for meeting the federal standards for ozone.

In response to Mr. Aramburu's inquiry, Mr. Feldstein stated 4-5 hours of sunlight are required to initiate the photochemical reaction producing ozone, and that is why the problems with ozone have been mainly in the South Bay, because emissions from the north, moved by the wind as they are traversing the area between the hills, begin to "cook".

Mr. Feldstein reviewed the slide entitled, Table 4 Air Quality Standards, stating that with the District's monitoring program, it can be determined whether any of the standards are being exceeded; that when the District exceeds any of the standards, emissions must be reduced, whereupon, the staff comes back to the Board with Regulations to reduce the emissions to meet the standards. He stated the standards are guidelines, and provide a goal of what the objectives are that must be achieved to prevent health effects; that the District is attainment for all standards except for ozone and CO.

Responding to Ms. Wilson's concerns regarding non-attainment for CO, Mr. Feldstein referred to the recently adopted Air Quality Management Plan, stating the Plan indicates how the District plans to achieve that standard, particularly in the San Jose/Santa Clara area; that it will involve the I&M Plan and necessary work to be done on traffic routing in the San Jose/Santa Clara area.



In discussion of the slide entitled, Table 5 1979 Emissions by Source Category (Tons/Day), Mr. Feldstein stated the figures indicate what is actually emitted into the atmosphere daily with the application of regulatory controls.

Mr. Feldstein explained what eventually happens to the emissions in the atmosphere by means of precipitation and oxidation. He stated the District is attainment for the particulates and sulfur oxide standards.

Mr. Bort requested information on natural sources of these same types of emissions, to which Mr. Feldstein agreed to develop the information and submit back to the Board.

Using a slide of the District's Organizational Chart, Mr. Hess outlined the District structure and reviewed its history since its formation in 1955 by an Act of the State Legislature. He pointed out the Board of Directors responsibility in terms of hiring the Air Pollution Control Officer, Counsel and Clerk of the District and reviewed the responsibilities of each of the Divisions within the District.

Mr. Feldstein requested a continuance to the next Board meeting for the lectures by the District's Division Heads, to which Chairperson Rudee agreed, after which the Board members were escorted on a tour of the District's facilities.

Mr. Powell having provided the Board with copies of the Resolution, Mr. Ogawa moved adoption of Resolution No. 1444, In the Matter of Appointing a Member of the Hearing Board; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER,  
WILSON.

NOES: NONE.

ABSENT: COOPER, McPEAK

#### OTHER

The report, Pending Referrals from Board of Directors, dated February 16, 1983, was presented.

The report, Pending Board Referrals to Advisory Council, dated February 2, 1983, was presented.

#### TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, March 16, 1983, 939 Ellis Street,  
San Francisco, California.



On motion of Mr. Ogawa; seconded by Mr. Diridon, the meeting  
adjourned at 11:16 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

By Kildae Gooseff  
Assistant to the Clerk of the District

MH:KG:kh



**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109

Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
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BOARD OF DIRECTORS REGULAR MEETING

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John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Roberta H. Hughan,  
L. N. "Judge" Landis, Sunne Wright  
McPeak, Harold I. Moskowitz, Gus J.  
Nicolopoulos, Frank H. Ogawa, Helen  
B. Rudee, Carol Ruth Silver, K.  
Jacqueline Speier, Susanne Wilson.

BOARD MEMBER ABSENT: Fred F. Cooper.

ADVISORY COUNCIL MEMBERS  
PRESENT: Kong Meng Tan, M.D., Chairperson;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, William R.  
DeBoisblanc, Peter Hess, Terry Lee,  
Dario Levaggi, Edward W. McHugh,  
John F. Powell, Lewis H. Robinson,  
Kildae Gooseff.

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Chairperson Rudee called the meeting to order at 9:36 A.M.

Ms. Silver arrived at 9:38 A.M.

Mr. Doetsch arrived at 9:40 A.M.

#### PUBLIC PRESENTATION

There was none.

#### PRESENTATION COMMENDING DR. KRUGER FOR HIS SERVICES ON THE HEARING BOARD

Chairperson Rudee welcomed Dr. Kruger to the meeting, and in reviewing his professional background and tenure as a member of the Hearing Board since June 12, 1970, stated Dr. Kruger is now leaving the Hearing Board to devote his time and efforts to his new position as Chairman of the Mechanical Engineering Department at Stanford University.

Chairperson Rudee presented Dr. Kruger with a plaque, and expressed the Board's appreciation for his work as a member of the Hearing Board and for the contributions he had made in that capacity, after which the Board expressed its unanimous wishes for success in his new position.

In thanking the Board and the Staff, Dr. Kruger stated he had always held the District in very high regard and had been very proud to be a part of the Hearing Board's activities.

#### APPROVAL OF MINUTES OF MARCH 2, 1983

Mrs. Gooseff requested the Minutes be amended on page 6 to add a paragraph after paragraph 5 to indicate the Board's adoption of Resolution No. 1444, In the Matter of Appointing a Member of the Hearing Board, on roll call.

#### COMMUNICATIONS Rod Diridon, Secretary

The following communications were presented:

Gordon Duffy  
Air Resources Board

Glenn Affleck  
Technical Regulations Manager  
Hewlett Packard

John E. Neece  
Executive Secretary  
Santa Clara, San Benito and Santa Cruz Counties  
Building and Construction Trades Council

### APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's report entitled, Approval for Out-of-State Travel, dated March 10, 1983 was presented.

### TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated March 10, 1983 was presented.

### REFERRALS

The APCO's report entitled, Referrals, dated March 10, 1983 was presented.

### SET PUBLIC HEARING FOR MAY 18, 1983, TO CONSIDER AMENDMENTS TO REGULATION 8, RULE 3 REGARDING ARCHITECTURAL COATINGS

The APCO's report entitled, Setting of Public Hearing: Reg. 8, Rule 3, Architectural Coatings; Notice of Potential Conflict of Interest, dated March 10, 1983, was presented.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: APAMBURU, BORT, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, COOPER, McPEAK.

### REPORT OF THE HEARING BOARD Kenneth A. Manaster, Chairperson

Chairperson Manaster stated the Hearing Board joined in Chairperson Rudee's praise of Dr. Kruger, with whom it had been an honor to work, and that he will be missed; that Mr. Henry J. Ongerth had joined the Hearing Board last week and the members were looking forward to working with him.

Chairperson Manaster reviewed discussions the Hearing Board has had with Mr. Feldstein and Mr. Powell on expanding the Hearing Board's use of Emergency Variance authority under statute to situations other than gasoline service stations, stating the result of which is an experiment the Hearing Board will be conducting commencing March 21 in making available full Emergency Variance treatment to Applicants in addition to the service stations; that there is statutory authority for this procedure. He reviewed the reasons the Hearing Board has been reluctant to proceed in this manner in the past, after which he stated the Hearing Board will advise the Board of the results of the experiment.

Ms. McPeak arrived at 9:44 A.M.



In referring to the Hearing Board's Order Denying Appeal in the CBE appeal matter with respect to the Chevron permit, Chairperson Manaster stated none of the grounds on which the Appellants had based their arguments had indicated the APCO was in error; that the Hearing Board had found the regulations with respect to the New Source Review Rule to be complex and ambiguous. He stated the Hearing Board had determined the APCO's decision had been reasonable and not erroneous; that the Hearing Board had received a Petition for Rehearing, which it will be considering in the immediate future; that the case will probably be going to the Superior Court.

Mr. Britt arrived at 9:46 A.M.

Chairperson Manaster called attention to his letter to Chairperson Rudee dated March 10, 1983, regarding the Pacific Steel Casting Company case, in which the Hearing Board requested additional authorization for funds to hire outside counsel to represent the Hearing Board's Order in this matter, stating some aspects of this request, because it involves pending and complicated litigation, should be undertaken in Closed Session. Referring to the copy of the Board's Minutes of January 4, 1978, attached to Mr. Manaster's letter, Chairperson Rudee stated litigation and request for funds involving such litigation allow for Closed Session, to which Mr. Powell stated the attorney-client privilege would also allow for Closed Session.

In discussion, Director Silver stated there was no need for a Closed Session, and that the Board could proceed to vote on the request based on Mr. Manaster's letter, after which she moved approval of the funding request; seconded by Mr. Landis.

In discussion on the amount of funding requested, Mr. Manaster stated there was an upper limit on the Hearing Board's request today, but should the matter become protracted, the Hearing Board would have to come back to the Board for further funding authorization. Mr. Landis replied the case was a challenge to the District and he was willing to spend whatever was necessary to support the District's position.

After further discussion, Director Silver amended her motion to include the amount of \$5,000 and to adopt Resolution No. 1445, In the Matter of Authorizing the Transfer of Funds to Provide Independent Legal Representation to the Hearing Board in a Particular Court Action; seconded by Mr. Landis; carried on roll call:

AYES:	ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.
NOES:	NONE.
ABSENT:	COOPER.

After a brief discussion on the necessity for going into Closed Session, Mr. Bort moved the Board go into a short Closed Session; seconded by Ms. McPeak; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DOETSCH, HUGHAN, McPEAK, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SPEIER, WILSON.

NOES: DIRIDON, LANDIS, SILVER.

ABSENT: COOPER.

The Board went into Closed Session at 9:55 A.M.

The Board resumed its meeting at 10:47 A.M.

REPORT OF ADVISORY COUNCIL  
Kong Meng Tan, M.D., Chairperson

Chairperson Tan reviewed the Report of the Advisory Council, dated March 16, 1983, after which he stated there was some confusion on the part of the Council as to who would be determining the staggered terms for the Council and when this would be done.

After discussion, Director Silver stated the Personnel Committee would meet at 8:30 A.M. on April 6, 1983, at which time it would determine the staggered terms for the Advisory Council members.

CONTINUATION OF DISTRICT ORIENTATION WORKSHOP

The workshop was conducted after adjournment of the official meeting.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Report on Legislation

Mr. Feldstein reviewed his report entitled, Legislative Report, dated March 9, 1983, after which Mr. Aramburu moved the Board support the Staff's recommendation for items 1-10; seconded by Mr. Ogawa; carried on voice vote.

CHAIRPERSON'S REPORT  
Helen B. Rudee

There was none.

BOARD MEMBERS' COMMENTS

Mr. Aramburu reviewed a Canadian movie on acid rain he had viewed at a Marin Conservation League dinner, and recommended the movie be presented to the Board for informational purposes, to which Chairperson Rudee requested Mr. Feldstein to agendize the presentation of the movie for a future meeting at which no Public Hearing



was scheduled.

Mr. Landis reviewed his activities as the Board Liaison to the Advisory Council, as the District's representative to ABAG's Regional Planning Committee and as a member of that Committee's Subcommittee on Toxic Waste, advising he will be having a Staff member attending the Subcommittee's meetings to advise on technical issues.

Chairperson Rudee reported on the Closed Session, stating the Board had heard a report from Chairperson Manaster on possible litigation, and had consulted with its Counsel, Mr. Powell.

OTHER

The following report was presented: Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, April 6, 1983, 939 Ellis Street, San Francisco, California.

On motion of Mr. Landis; seconded by Mr. Ogawa; the meeting adjourned at 11:02 A.M.

Respectfully submitted,

For Mabel Harder  
Clerk of the District

By Kildae Gooseff  
Assistant to the Clerk of the District

MH:KG:cc





**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109



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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
April 6, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Roberta H. Hugan, L. N. "Judge"  
Landis, Sunne Wright McPeak, Gus J.  
Nicolopoulos, Frank H. Ogawa, Helen  
B. Rudee, Carol Ruth Silver, K.  
Jacqueline Speier, Susanne Wilson.

BOARD MEMBERS ABSENT: None.

ADVISORY COUNCIL MEMBERS  
PRESENT: Kong Meng Tan, M.D., Chairperson;  
Shirley J. Campbell, Vice Chairperson;  
Jack C. Oppenheimer, Hiram Wolch.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Terry Lee, Dario Levaggi,  
Edward W. McHugh, John F. Powell,  
Lewis H. Robinson, Mary Veronda,  
Kildae Gooseff.

- - -



Chairperson Rudee called the meeting to order at 9:40 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF MARCH 16, 1983

COMMUNICATIONS

Rod Diridon, Secretary

Daniel I. Wilkowsky  
Environmental Affairs Manager  
National Semiconductor

Bruce A. Baxter

Lloyd Hemenway

Marvin J. Terrell  
Business Representative  
Carpenters and Joiners of America

Ernestine De Falco, Jr., President  
League of Women Voters of the Bay Area

Joy Becker

Charles E. Hubbard  
Business Manager  
Napa-Solano Counties  
Building and Construction Trades Council

Sonia F. Crow  
Regional Administrator  
EPA

Robert S. Skidgel, President  
Coalition of Labor and Business

Ignacio De La Fuente  
Business Representative  
International Molders and Allied Workers Union  
Local Union 164

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report  
Period February 21, 1983 through March 20, 1983; Director  
of Permit Services Division Monthly Activity Report -  
February 22, 1983 to March 21, 1983; Director of Planning  
Monthly Activity Report, February 16 through March 22, 1983;  
Director of Technical Services Monthly Activity Report,  
February 16, 1983 through March 15, 1983; Director of

Public Information Monthly Activity Report - February 25 - March 25, 1983; Status of Legal Matters: February 22, 1983; Director of Administrative Services Appropriation Statement and Cash Position - January 31, 1983 and February 28, 1983.

#### REFUNDS

The APCO's report entitled, Refunds, dated March 31, 1983, was presented.

#### TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated March 30, 1983 was presented.

Adopted Resolution No. 1446, In the Matter of Approving the Transfer of Funds Between Accounts.

SET PUBLIC HEARING FOR JUNE 1, 1983, TO CONSIDER CONTROL OF EMISSIONS FROM ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURING, REGULATION 10, Rule 30

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The APCO's report entitled, Setting of Public Hearing -- Conflict of Interest Notice, dated April 6, 1983, was presented.

On motion of Mr. Corcoran; seconded by Mr. Ogawa; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: BRITT, DIRIDON, McPEAK, SPEIER.

ADVISORY COUNCIL REQUEST CONCERNING SCIENTIFIC ADVISORY COMMITTEE ON ACID RAIN

---

Kong Meng Tan, M.D., Chairperson

Dr. Tan reviewed his memo to the Board, dated March 30, 1983.

In response to Ms. Silver's request, Dr. Tan outlined Dr. Dabberdt's work in atmospheric sciences at Stanford Research Institute and the assignment of acid rain for review and study by the Technical Committee, of which Dr. Dabberdt is the Chairperson. He stated Dr. Dabberdt was considerably more involved with acid rain than anyone else on the Council.

Mr. Feldstein advised that the Staff concurred with the recommendation, after which he reviewed the legislative history of AB 2752 (Kapiloff).

After further discussion, Mr. Bort moved adoption of Resolution No. 1447, In the Matter of Urging the Appointment of Dr. Walter F. Dabberdt to the Scientific Advisory Committee on Acid Deposition; seconded by Ms. Silver; carried on roll call:



AYES: ARAMBURU, BORT, COOPER, COROCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
NICOLOPULOS, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, McPEAK, OGAWA.

Ms. Speier arrived at 9:47 A.M.

Mr. Bort requested a presentation to the Board on acid rain by Dr. Dabberdt because of his expertise in that area.

Mr. Aramburu requested a copy of Resolution No. 1447 be forwarded to Gordon Duffy, Chairperson, Air Resources Board.

REPORT OF PERSONNEL COMMITTEE  
Carol Ruth Silver, Chairperson

Chairperson Silver stated the Committee had met prior to the Board meeting, at which time the matter of establishing staggered terms for the Advisory Council had been accomplished by drawing straws. She stated 9 members presently sitting on the Advisory Council and the Organized Labor seat had been reappointed for a 2-year term commencing January 1, 1983, after which she requested the clerk to read the names of those so appointed, as follows:

Shirley J. Campbell	Stana D. Hearne
Michael R. Barr	Jack C. Oppenheimer
James M. Bodie, M.D.	Hiram Wolch, PhD
Joseph D. Coons	Ching-Chi Wu
Norman L. Grib, PhD	Organized Labor Category

Ms. Silver stated that the Committee recommends that no action be taken on the remaining members of the Advisory Council and that a letter be sent to those members advising they will be considered for reappointment in the latter part of 1983.

Mr. Britt arrived at 9:55 A.M.

Ms. McPeak arrived at 9:56 A.M.

Ms. Silver reviewed the applications submitted for the vacancy in the Organized Labor category on the Advisory Council, stating it was the recommendation of the Committee that Bruce A. Baxter of Santa Clara County be appointed to that position.

Ms. Silver moved confirmation of the 2-year staggered terms, appointment of those Advisory Council members recommended for a 2-year term, and confirmation that the remainder of the Advisory Council members will continue to serve for the remainder of the year with consideration being given in the latter part of 1983 to reappointment; seconded by Mr. Bort; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS,  
McPEAK, MOSKOWITE, NICOLOPULOS, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: OGAWA.

After reviewing Bruce A. Baxter's resume, Ms. Silver moved the appointment of Mr. Baxter to the vacancy in the Organized Labor category on the Advisory Council for the remainder of the 2-year term commencing January 1, 1983; seconded by Mr. Diridon; carried on roll call:

AYES: ARAMBURY, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT.

Mr. Feldstein having advised that the Canadian film on acid rain had not arrived as yet, the Board agreed to proceed with the next agenda item.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Report on Legislation

Mr. Feldstein reviewed SB 77 (Presley), stating the Bill had already been heard in a Senate Committee, at which time the word "primary" had been removed; that the Staff now recommends support of the Bill as amended. Mr. Ogawa moved the Board support the Staff's recommendation; seconded by Ms. Silver; carried on voice vote.

After discussion on SB 77 (Montoya), Mr. Diridon moved the Board support the Staff's recommendation; seconded by Mr. Ogawa; carried on voice vote.

Mr. Feldstein reviewed AB 1137 (Floyd), after which Mr. Ogawa moved the Board support the Staff's recommendation; seconded by Mr. Doetsch; carried on voice vote.

In reviewing AB 1223 (Condit and Waters), Mr. Feldstein stated that, although the Bill appeared acceptable on the surface, it is not clear on how offset credits are to be calculated, the kinds of credits that would be awarded to the new facility, nor that the new facility would be subject to the rules and regulations of a local district.

In response to Mr. Cooper's concerns, Mr. Feldstein stated the District feels standards for calculating emission credits should



be included in the Bill. Mr. Britt stated the Bill appeared to be good legislation, and suggested that, rather than opposing the Bill, a letter should be sent to the sponsors of the legislation expressing the District's concerns about standards. Mr. Feldstein replied that, in accordance with general policy, a letter would be written to the author of the Bill advising that unless standards and calculation methods are included and that there is assurance facilities will be subject to the rules and regulations of local districts, there would be opposition to the legislation by this District.

In discussion of Mr. Cooper's concerns, Mr. Feldstein referred to the working committee of the Baker Bill, stating a similar committee composed of affected local District and ARB personnel to devise a good calculation procedure should be established.

After further discussion, Mr. Bort moved the Board take a position supporting the concept of biomass burning to generate heat, but that it feels there should be protection on non-burn days and that there should be an appropriate formula for calculating the emissions; seconded by Mr. Aramburu; carried on voice vote.

CANADIAN FILM ON ACID RAIN, "REQUIEM OR RECOVERY" -  
CANADIAN CONSULATE'S OFFICE

Mr. Feldstein introduced Mr. Allen Unger, Public Affairs Officer in the Canadian Consulate General's office in San Francisco, who presented the Board with a publication entitled, How Many More Lakes Have to Die?, and a brochure entitled, Fact Sheet on Acid Rain. The Board was then shown the movie entitled, Acid Rain - Requiem or Recovery.

Following the movie, there was discussion on the controversy surrounding the film, Mr. Unger stating some parties had believed a disclaimer was required for the film under an interpretation of the 1938 Foreign Agent Act.

There was discussion on various aspects of acid precipitation, Mr. Feldstein pointing out that there has never been a coal-fired power plant in California and, therefore, it has never had the emissions quantities that are experienced in the Northeast. He stated that, if there is an acid rain problem in the Bay Area, it is related to NO<sub>x</sub> rather than SO<sub>2</sub>; that the importance of the Kasiloff Bill will be its delineation of specific acidic species that may be the culprits and then looking at projections and trends to determine what emissions will be in the future.

Mr. Frank Stead, representing the American Lung Association, spoke on the potential health hazards resulting from acid fog, to which Mr. Unger stated that CARB and scientists in Ontario have engaged in an informal exchange of ideas on this subject. Mr. Feldstein replied that some measurement had been made in the south coast area; that the Kasiloff Bill will provide for further measurements to determine what potential effects there may be after the fog precipitates and on breathing.

After discussion on the difficulties experienced by the Consulate's office in getting this film run on local TV stations, Mr. Diridon moved the Chair send letters to the various broadcast media encouraging them to allot public broadcast time for the airing of this movie; seconded by Mr. Ogawa; carried on voice vote.

There was discussion on the effects of acid precipitation, Mr. Landis stating they are irreversible and man must do something now to put a halt to acid rain. In response, Mr. Bort moved the Board request both the governments of Canada and the United States to open discussions to develop a treaty to mutually reduce acid rain in both nations; seconded by Ms. McPeak; carried on voice vote.

In response to Ms. Silver's inquiry, Mr. Feldstein stated the strongest measure the Board has supported in this area was the Kapiloff Bill, the results of which will put the Board in a better position to look at regulations that may control acid rain.

In further discussion, Mr. Landis requested the Staff to provide available data on ph changes in lakes in the Sierras and the threshold levels, and on the scrubbing ability of various terrains in terms of eastern versus western slopes.

#### Air Pollution Control Officer's Report - Continued

#### Consideration of Resolution Supporting the Continued Availability of Natural Gas at Reasonable Prices

Mr. Feldstein reviewed his report entitled, Consideration of a Resolution Supporting the Continued Availability of Natural Gas at Reasonable Prices, dated March 30, 1983.

In discussion, Ms. McPeak stated line 20 on the first page of the proposed resolution should be amended to read "...of fossil fuels...", with which the Board agreed.

Mr. Aramburu moved adoption of Resolution No. 1448, in the Matter of Urging that Natural Gas be Available to California Consumers at Reasonable Prices; seconded by Ms. Hughan; carried on roll call:

AYES: ARAMBURU, BRITT, COOPER, CORCORAN, CUNNINGHAM,  
HUGHAN, LANDIS, McPEAK, NICOLOPULOS, OGAWA,  
SILVER, SPEIER.

NOES: NONE.

ABSENT: BORT, DIRIDON, DOETSCH, MOSKOWITE, RUDEE,  
WILSON.



CHAIRPERSON'S REPORT

Helen B. Rudee

Chairperson Rudee stated she had no report, but questioned the status of the 1983-84 budget, to which Mr. Feldstein replied that the preliminary budget will be submitted to the Board on April 20, 1983; that the Personnel Committee has agreed to meet with respect to budget matters after the Board meeting on April 20, 1983.

BOARD MEMBERS' COMMENTS

There were none.

OTHER

The report entitled, Pending Referrals from Board of Directors, dated March 16, 1983, was presented.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, April 20, 1983, 939 Ellis Street, San Francisco, California.

Respectfully yours,

For Mabel Harder  
Clerk of the District

By Kildae Gooseff  
Assistant to the Clerk of the District

MH:KG:ls





**BAY AREA  
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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
April 20, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I. Moskowite,  
Gus J. Nicolopoulos, Frank H. Ogawa,  
Helen B. Rudee, Carol Ruth Silver,  
K. Jacqueline Speier, Susanne Wilson.

BOARD MEMBERS ABSENT: None.

ADVISORY COUNCIL MEMBER  
PRESENT: Barry R. Horn, M.D.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Terry Lee, Dario Levaggi,  
John F. Powell, Lewis H. Robinson,  
Mabel Harder.

- - -



Chairperson Rudee called the meeting to order at 9:38 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF APRIL 6, 1983

COMMUNICATIONS  
Rod Diridon, Secretary

The following communications were presented:

Mike Lewis  
Suisun Resource Conservation District

Embree G. Mezger  
Manager, Entomologist  
Solano County Mosquito Abatement District

APPROVAL OF EPA SUPPLEMENTAL GRANT APPLICATION

The APCO's report entitled, Approval of EPA Grant, dated April 14, 1983, was presented.

Adopted Resolution No. 1449, In the Matter of Authorizing the Air Pollution Control Officer to Sign Agreements for Additional Funding from the Environmental Protection Agency.

APPROVAL OF ARB AIR MONITORING CONTRACT FOR FISCAL 1983-84

The APCO's report entitled, Approval of Contract for Air Monitoring Data, dated April 14, 1983, was presented.

Adopted Resolution No. 1450, In the Matter of Authorizing the Air Pollution Control Officer to Execute an Agreement with the Air Resources Board for Air Monitoring.

REFUNDS

The ACPO's report entitled, Refund, dated April 14, 1983, was presented.

Adopted Resolution No. 1451, In the Matter of Approving a Refund of Overpayment of Permit Fees by Owens-Illinois.

TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated April 14, 1983, was presented.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER,  
WILSON.

NOES: NONE.

ABSENT: BRITT, SILVER.

ACCEPTANCE OF PROPOSED 1983-84 BUDGET AND REFERRAL  
TO APPROPRIATE COMMITTEES FOR REVIEW

The Budget 1983-84 (Proposed) together with the APCO's report entitled, Proposed Budget for Fiscal 1983-84, dated April 14, 1983, was presented.

Mr. Ogawa moved that the Budget be referred to the Budget and Finance Committee and Personnel Committee; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER,  
WILSON.

NOES: NONE.

ABSENT: BRITT, SILVER.

Mr. Corcoran stated that the Budget and Finance Committee would meet after the Board meeting on May 4, 1983.

Mr. Britt arrived at 9:49 A.M.

REVIEW OF DISTRICT REGULATORY STRUCTURE

Mr. Hess presented a report entitled, Correlation Between Air Contaminants and District Regulations, undated, and reviewed it, specifically regulations on SO<sub>2</sub> and particulate matter.

Ms. Silver arrived at 10:03 A.M.

There was discussion on SO<sub>2</sub> emissions and particulate matter from specific sources.

Mr. Hess reviewed Regulation 8 - Organic Compounds, during which there was discussion on the amount of emissions controlled.

Mr. Hess reviewed the regulations applying to New Sources.

Mr. Feldstein presented Table 22 from the AQMP entitled, Ranking of Proposed Stationary Source Control Measures in Order of Preference Based on Cost per Unit Ozone Reduction, revised October 6, 1982. Mr. Diridon pointed out that it was going to be difficult to achieve the 56 T/D proposed in the Table.



REPORT OF AIR POLLUTION OFFICER  
Milton Feldstein

National Air Pollution Control Association Meeting

Mr. Feldstein presented a copy of the program of the meeting in Atlanta, Ga., June 19-24, 1983, requesting that those Directors who plan to attend should advise him as soon as possible.

Mr. Bort moved that the District not have any restrictions about attending the meeting; seconded by Mr. Ogawa.

Mrs. McPeak stated that a policy was established in 1982 on attending meetings in non-ratified ERA states, and that this policy should be reviewed before a decision on attendance is made.

During discussion on the Board's policy and whether it should remain in effect, the Board was advised that Mr. Feldstein would be given an award this year at the APCA meeting.

Mrs. Wilson moved a substitute motion that because of unusual circumstances this year there be participation by the Board at the meeting. There was no second.

Mr. Feldstein read some former Director Bacciocco's statement before the APCA National Board of Directors meeting in New Orleans in 1982, with respect to the Board policy on attending meetings in non-ratified ERA states.

Mr. Diridon moved to amend Mr. Bort's motion to declare the Atlanta meeting an unusual circumstance meeting which would allow members of the Board and Staff to attend; seconded by Mr. Aramburu.

Mr. Feldstein read from the Minutes of the meeting in 1982 at which the Board adopted its policy, after which Mr. Aramburu withdrew his second from the amendment to the motion.

Mr. Landis moved to close the debate on the motion; seconded by Mr. Ogawa; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
NICOLOPULOS, OGAWA, SILVER, SPEIER, WILSON.

NOES: McPEAK, RUDEE.

Mr. Bort's motion then carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DOETSCH,  
LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, SILVER.

NOES: BRITT, DIRIDON, HUGHAN, McPEAK, RUDEE, SPEIER, WILSON.

CHAIRPERSON'S REPORT  
Helen B. Rudee

Chairperson Rudee welcomed Dr. Barry R. Horn, Advisory Council.

BOARD MEMBERS' COMMENTS

There were none.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated March 16, 1983  
Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, May 4, 1983, 939 Ellis Street, San Francisco, California.

CLOSED SESSION TO INSTRUCT DESIGNATED REPRESENTATIVES  
PURSUANT TO GOVERNMENT CODE SECTION 54957.6

The APCO's report entitled, Employee Association Meet and Confer Proposals for 1983-84, dated April 14, 1983, was presented.

The Board went into closed session at 11:07 A.M. and reconvened at 12:15 P.M.

The meeting adjourned at 12:15 P.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District









BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109



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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
May 4, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hugan, L.N. "Judge" Landis,  
Sunne Wright McPeak, Harold I. Moskowitz,  
Gus J. Nicolopoulos, Frank H. Ogawa,  
Helen B. Rudee, Carol Ruth Silver,  
K. Jacqueline Speier, Susanne Wilson.

BOARD MEMBERS ABSENT: None.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Dario Levaggi,  
Edward W. McHugh, John F. Powell,  
Lewis H. Robinson, Mabel Harder.

- - -



Chairperson Rudee called the meeting to order at 9:35 A.M

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF APRIL 20, 1983

Ms. Harder requested a correction in the Minutes of April 6, 1983, which were approved on April 20, 1983, advising that on page 1 after Board Members Present, the name of Harold I. Moskowitz should be added.

COMMUNICATIONS

Rod Diridon, Secretary

The following communications were presented:

Congressman Don Edwards

William J. Hayes  
Director  
State of California  
Department of Consumer Affairs

Brian Hunter  
Regional Manager, Region 3  
State of California  
Department of Fish and Game

Gil Richardson  
Fire Warden  
Solano County

Michael R. Barr  
Lafayette

W. G. Hamm  
Project Manager  
Dermot Reddy, P.E.  
New York

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report Period March 21, 1983 through April 20, 1983; Director of Permit Services Division Monthly Activity Report, March 22, 1983 to April 19, 1983; Director of Planning Division Activity Report, March 23 through April 18, 1983; Director of Technical Services Monthly Activity Report March 16, through April 15, 1983; Director of Public Information Monthly Activity Report - March 25-April 22, 1983; Status of Legal Matters: March 29, 1983-April 25, 1983; Director of Administrative Services Appropriation Statement and Cash Position - March 31, 1983.

## TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated April 28, 1983, was presented.

Adopted Resolution No. 1452, In the Matter of Approving the Purchase of a Nonbudgeted Orion Meter.

## REFERRALS

The APCO's report entitled, Referrals, dated April 28, 1983, was presented.

### SET PUBLIC HEARING FOR JUNE 15, 1983 TO CONSIDER A REGULATION TO CONTROL EMISSIONS FROM THE ELECTRONIC INDUSTRY

The APCO's report entitled, Setting of Public Hearing -- Conflict of Interest Notice, dated April 28, 1983, was presented.

Mr. Ogawa moved adoption of the above Consent Calendar items; seconded by Mr. Doetsch, carried on roll call:

AYES: ARAMBURU, BORT, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SILVER, SPEIER.

NOES: NONE.

ABSENT: BRITT, COOPER, McPEAK, WILSON.

## REPORT OF PERSONNEL COMMITTEE Carol Ruth Silver, Chairperson

Ms. Silver reported that the Committee met prior to the Board meeting and recommends the classification of the Library Technician to a full-time position, and the reclassification of Source Test Engineer I to Source Test Field Technician with the job description as presented by the Staff, undated; that the Committee met in Closed Session with respect to a personnel matter, which was continued to June 1, 1983 Committee meeting. She moved the approval of the Personnel Committee's recommendations effective upon adoption of the new budget; seconded by Mr. Diridon; carried.

## CONSIDERATION OF NEW LEASE FOR SAN FRANCISCO REDEVELOPMENT AGENCY

Ms. Silver stated she felt she should disqualify herself from this matter since she is a San Francisco Supervisor and the Redevelopment Agency is a delegated authority of the Board of Supervisors, and she moved that she be excused from voting on this item; seconded by Mr. Landis; carried.

Mrs. Wilson arrived at 9:45 A.M.



Mr. Bell reviewed the APCO's report entitled, Redevelopment Agency Lease, dated April 28, 1983, making a correction on page 9, paragraph 1, the date to read June 30, 1983.

After discussion, Mr. Aramburu moved the adoption of Resolution No. 1453, In the Matter of Approving and Authorizing the APCO to Sign a Lease with the San Francisco Redevelopment Agency; seconded by Mr. Cunningham.

There was discussion on the escalator clause for utility costs.

Mr. Britt arrived at 9:50 A.M. and announced that he too should be excused from voting on this item because he is a member of the Board of Supervisors of the City and County of San Francisco.

The motion carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
NICOLOPULOS, OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: McPEAK.

ABSTAINING: BRITT, SILVER.

PRESENTATION ON OPERATIONS OF THE OFFICE OF  
CLERK OF THE DISTRICT  
Mabel Harder

Ms. Harder outlined the duties and responsibilities of her office.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

#### Report on Natural Sources of Emissions

Mr. Robinson made a slide presentation, presenting 3 charts.

He reviewed Table 1, 1981 Emissions - Bay Area Air Quality Management District - Human Activities Versus Natural Sources.

Mrs. McPeak arrived at 10:00 A.M.

Mr. Robinson reviewed Table 2 - World Emissions of Sulfur, and Table 3 - Volcanoes.

In discussion, Mr. Feldstein pointed out that most volcanic material is cyclic in nature; that there will always be visibility restrictions from natural sources.

Mr. Bort requested the Staff to furnish information on emissions from all domestic activities, such as space heating and cooking, with projections as to emissions increase because of growth.

## Report on Legislation

Mr. Feldstein reviewed his report, Legislative Report - Assembly Bill 1807 - Assemblywoman Tanner, dated April 28, 1983. He reviewed the background on the proposed legislation and called attention to the Proposed Staff Amendments, reviewing them.

There was discussion on Cal OSHA's authority and whether this legislation would affect it, Mr. Feldstein responding in the negative.

After further discussion, Mr. Aramburu moved that the Board support the bill with the amendments suggested by Staff; seconded by Mrs. Wilson.

In discussion, Mr. Frank Stead  
American Lung Association  
in comments on the legislation stated a single regulatory agency should not set the standards for all agencies; that one scientific panel needs to be established for all agencies concerned with toxics.

The motion carried.

### CHAIRPERSON'S REPORT Helen B. Rudee

Chairperson Rudee reminded the Directors to advise Mr. Feldstein if they intended to attend the APCA meeting in Atlanta, Georgia.

### BOARD MEMBERS' COMMENTS

Mrs. McPeak referred to AB-1807 (Tanner) with respect to the no-appropriation provision, stating the State should not be allowed to abrogate its responsibilities and she reviewed the lawsuit which Contra Costa County and other counties brought in this regard stating that the decision of the Supreme Court which ruled in favor of the State would be appealed.

### OTHER

The report, Pending Board Referrals to Advisory Council, dated February 2, 1983, was presented.

### TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, May 18, 1983, 939 Ellis Street, San Francisco, California.

### CLOSED SESSION TO INSTRUCT DESIGNATED REPRESENTATIVES PURSUANT TO GOVERNMENT CODE SECTION 54957.6

The Board went into Closed Session at 10:50 A.M. and reconvened at 11:24 A.M. The meeting adjourned at 11:25 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District



BAY AREA  
QUALITY MANAGEMENT DISTRICT

939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
May 18, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hughan, L.N. "Judge" Landis,  
Sunne Wright McPeak, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline Speier.

BOARD MEMBERS ABSENT: Harold I. Moskowitz, Susanne Wilson.

ADVISORY COUNCIL MEMBERS  
PRESENT: Shirley J. Campbell, Vice Chairperson;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Dario Levaggi,  
Edward W. McHugh, John F. Powell,  
Lewis H. Robinson, Mabel Harder.

- - -



Chairperson Rudee called the meeting to order at 9:35 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF MAY 4, 1983

COMMUNICATIONS  
Rod Diridon, Secretary

The following communications were presented:

Michael Warren  
Current Affairs Department  
KQED

Gordon Duffy  
Secretary of Environmental Affairs and  
Chairman, Air Resources Board

Michael Mitchell  
Auditor-Controller  
County of Marin

Gordon Duffy, Chairman  
ARB

REFUNDS

The APCO's report entitled, Refunds, dated May 12, 1983, was presented.

SET PUBLIC HEARING FOR JULY 20, 1983,  
TO CONSIDER AMENDMENTS TO REGULATION 8, RULE 20,  
REGARDING GRAPHIC ARTS COATING OPERATIONS

The APCO's report entitled, Setting a Public - Conflict of Interest, dated May 2, 1983, was presented.

APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's report entitled, Out-of-State Travel, dated May 12, 1983, was presented.

NOTICE OF INTENTION TO AMEND P.E.R.S. CONTRACT

The APCO's report entitled, Amendment to P.E.R.S. Contract, undated, was presented.

Adopted Resolution No. 1454, In the Matter of Adopting a Resolution of Intention to Approve an Amendment to Contract with the Public Employees' Retirement System.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, NICOLOPULOS, OGAWA,  
RUDEE.

NOES: NONE.

ABSENT: BRITT, COOPER, McPEAK, MOSKOWITE, SILVER, SPEIER,  
WILSON.

Ms. Speier arrived at 9:41 A.M.

REPORT OF BUDGET AND FINANCE COMMITTEE  
Thomas J. Corcoran, Chairperson

Mr. Corcoran reported on the Committee meeting on May 4 at which it discussed the proposed 1983-84 budget; that the Committee recommends the budget as presented, taking into consideration that Meet and Confer sessions have not been finalized, and with the addition of \$800.00 because the cost of a typewriter was underestimated. He stated the Committee requested that when the 1984-85 proposed budget is presented, a percentage of increase or decrease after each Expenditure Class be included.

Mr. Corcoran also advised that the Staff was requested to include in its bid letter for the 1982-83 audit a request for a Management letter.

REPORT OF ADVISORY COUNCIL  
Kong Meng Tan, M.D., Chairperson

In the absence of Dr. Tan, Vice Chairperson Campbell reviewed the Report of Advisory Council, dated May 18, 1983, in which the Council requested approval for one member to attend an ARB coordination meeting in Sacramento on May 20, 1983, on acid deposition research and monitoring and a conference in Garden Grove, California on June 15, 1983, sponsored by the ARB and the League of Women Voters on acid rain.

Mrs. Campbell advised that the Council recommends that Dr. Barry R. Horn be nominated to the ARB Scientific Advisory Committee.

She also reviewed the recommendations of the Council with respect to the Personnel Committee's request on developing a policy on absences of Advisory Council members and term limitation, stating that its recommendations would be presented to the Personnel Committee when it met on June 1.

After discussion, Mr. Diridon moved approval of the Council's request for one member to attend the ARB meeting on acid rain in Sacramento and Garden Grove, California; seconded by Mr. Doetsch; carried unanimously.

Mr. Aramburu moved that the District nominate Dr. Barry R. Horn to serve on the ARB Scientific Advisory Committee; seconded by Mr. Landis; carried.

There was discussion on the work of the Ad Hoc Committee on Cogeneration and Waste Utilization, Mr. Diridon stating he could furnish the Committee with the names of such facilities in Santa Clara County if it so desired.

Ms. Silver arrived at 9:55 A.M.

Ms. Speier requested the Ad Hoc Committee on Cogeneration be advised of a proposed RDF facility in Redwood City. She also inquired as to the results from the research done by Ms. Kathy Thonnessen, on acid deposition in Sierra Nevada lakes and Mrs. Campbell outlined the presentation the Council received from Ms. Thonnessen.

PUBLIC HEARING TO CONSIDER AMENDMENTS  
TO REGULATION 8, RULE 3  
REGARDING ARCHITECTURAL COATINGS

Mr. Powell advised that over 700 companies could be affected by this regulation.

Mrs. McPeak arrived at 10:00 A.M.

Mr. Feldstein reviewed the background for the current regulation. Mr. Hess reviewed the APCO's report entitled, Public Hearing Regarding Amendments to Regulation 8, Rule 3: Architectural Coatings, dated May 12, 1983, using slides in connection therewith.

Mr. Britt arrived at 10:08 A.M.

Mr. Cooper arrived at 10:15 A.M.

In discussion, Mr. Hess stated that the Statewide group involved in developing the regulation is reviewing the potential problem of dilution of the paint after purchase; that discouraging such dilution has to be done through an educational process rather than a regulatory process with the paint users.

Chairperson Rudee opened the Public Hearing at 10:35 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

The following made a presentation:

L. Lloyd Haanstra  
Technical Director  
Ameritone Paint Corporation and Boysen Paint Company

supported the proposed amendments except for extending the exemption for small manufacturers.



Phil Halstead  
Clorox Company, Olympic Stain Division

Supported the proposed amendment. In discussion, Mr. Aramburu referred to the report, Comments on the Proposed Revisions to the Existing Exemptions in the Architectural Coatings Rule, prepared by Olympic Stain, and presented to various agencies, including the District, updated on February 1, 1983.

After further discussion, Mr. Doetsch moved the adoption of the Staff recommendation on the amendments, and Resolution No. 1455, In the Matter of Amending Rule 3 of Regulation 8 Relating to Architectural Coatings; seconded by Mr. Ogawa.

There was discussion on the justification for extending the exemption for small businesses, after this Ms. Silver moved to amend the motion to reduce the exemption for small business from one year to six months. In discussion Mr. Feldstein pointed out that the proposed one year exemption was also being considered by the SCAQMD, for State uniformity. Mr. Diridon suggested that the Board go on record as being opposed to any further extensions after September 1, 1984.

There was no second to Ms. Silver's motion, and after further discussion, she withdrew her motion.

Mrs. McPeak moved an amendment to the motion to add to the resolution: Be It Further Resolved that it is the intent of this Board that the exemptions for small business which is now being extended to September 1, 1984, not be extended thereafter; seconded by Mr. Aramburu; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER.

NOES: NONE.

ABSENT: BRITT, MOSKOWITE, WILSON.

Mr. Landis requested that Staff notify each of the 11 manufacturers that it is the Board's intent not to extend the exemption beyond September 1, 1984, and Chairperson Rudee so ordered.

Resolution No. 1455, as amended, carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER.

NOES: NONE.

ABSENT: BRITT, MOSKOWITE, WILSON.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

There was none.

CHAIRPERSON'S REPORT  
Helen B. Rudee

Chairperson Rudee announced that she would not be present at the June 1, 1983 Board meeting and that Vice Chairperson Landis would report on her selection of the Nominating Committee for Officers for the 1983-84 fiscal year.

BOARD MEMBERS' COMMENTS

There were none.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors,  
dated May 5, 1983.

Pending Board Referrals to Advisory Council,  
dated February 2, 1982.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, June 1, 1983, 939 Ellis Street, San Francisco, California.

CLOSED SESSION TO INSTRUCT DESIGNATED REPRESENTATIVES  
PURSUANT TO GOVERNMENT CODE SECTION 54957.6

The Board went into Closed Session at 11:11 A.M. and reconvened at 11:49 A.M., Chairperson Rudee announcing that the Board discussed negotiations with its Negotiating Committee.

Mr. Cunningham moved the Board adjourn at 11:50 A.M.; seconded by Mr. Doetsch; carried.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:da





BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT

219 Ellis Street  
San Francisco, California 94109



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University of California  
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JUN 22 1983

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
June 1, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hugan, L.N. "Judge" Landis,  
Sunne Wright McPeak, Harold I. Moskowitz,  
Gus J. Nicolopoulos, Frank H. Ogawa,  
Carol Ruth Silver, K. Jacqueline Speier,  
Susanne Wilson.

BOARD MEMBER ABSENT:

Helen B. Rudee.

HEARING BOARD MEMBER PRESENT:

Kenneth A. Manaster, Chairperson.

ADVISORY COUNCIL MEMBERS  
PRESENT:

Kong Meng Tan, Chairperson;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Thomas F. Brennan, Daniel Goalwin,  
Peter Hess, Dario A. Levaggi,  
John F. Powell, Lewis H. Robinson,  
Mabel Harder.

- - -

In the absence of Chairperson Rudee, Vice Chairperson Landis called the meeting to order at 9:40 A.M.

### PUBLIC PRESENTATION

There was none.

### APPROVAL OF MINUTES OF MAY 18, 1983

#### COMMUNICATIONS

Rod Diridon, Secretary

The following communications were presented:

Douglas Quetin  
Administrative Assistant  
Monterey Bay Unified Air Pollution Control District

Nancy Michel  
Administrative Assistant - Appointments  
Senate Rules Committee

Martin Blumenauer  
Correspondence Assistant  
Office of the Prime Minister  
Ottawa, Canada

Congresswoman Barbara Boxer.

### DIVISION MONTHLY REPORTS

Director of Enforcement Monthly Activity Report -  
Report Period April 21, 1983 through May 20, 1983;  
Director of Permit Services Monthly Activity Report,  
April 20, 1983 to May 19, 1983; Director of Planning  
Division Activity Report, April 20 through May 17, 1983;  
Director of Technical Services Monthly Activity Report  
April 16 through May 15, 1983; Director of Public  
Information Monthly Activity Report - April 22-May 25, 1983;  
Status of Legal Matters: April 26, 1983 - May 23, 1983;  
Director of Administrative Services Appropriation  
Statement and Cash Position, April 30, 1983.

### REFUNDS

The APCO's report entitled, Refunds, dated May 25, 1983, was presented.

### REFERRALS

The APCO's report entitled, Referrals, dated May 26, 1983, was presented.



## APPROVAL OF CONTRACT WITH ABAG

The APCO's report entitled, Approval of Contract with the Association of Bay Area Governments (ABAG), dated May 24, 1983, was presented.

Adopted Resolution No. 1456, In the Matter of Approving a Contract With the Association of Bay Area Governments.

SET PUBLIC HEARINGS  
FOR JULY 6, 1983, TO CONSIDER AMENDMENTS  
TO REGULATION 3 REGARDING PERMIT FEES

FOR JULY 6, 1983, TO CONSIDER CONTROL OF  
EMISSIONS FROM PLASTIC COATING OPERATIONS,  
REGULATION 8, RULE 31

FOR JULY 20, 1983, TO CONSIDER AMENDMENTS  
TO REGULATION 8, RULES 9, 10, 22, 25 AND 28  
REGARDING CHEMICAL PLANTS

FOR AUGUST 3, 1983, TO CONSIDER AMENDMENTS  
TO REGULATION 5 REGARDING AGRICULTURAL  
BURNING

FOR AUGUST 3, 1983, TO CONSIDER CONTROL OF  
EMISSIONS FROM WOOD FURNITURE COATING  
OPERATIONS, REGULATION 8, RULE 32

The APCO's report entitled, Setting of Public Hearings...Conflict of Interest Notice, dated May 25, 1983, was presented.

Mr. Ogawa moved the approval of the above Consent Calendar items; seconded by Mr. Diridon; carried on roll call:

AYES: ARAMBURU, BORT, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE,  
NICOLOPULOS, OGAWA, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, COOPER, RUDEE.

REPORT OF HEARING BOARD  
Kenneth A. Manaster, Chairperson

In his Quarterly Report, Mr. Manaster advised of the Hearing Board's experiment with emergency variances for sources other than service stations; outlined the quantitative work in the calendar year 1982; outlined the Hearing Board's work with respect to interpretations of the regulations, specifically with respect to Fonda Cup & Container Group.

APPOINTMENT OF NOMINATING COMMITTEE TO CONSIDER  
BOARD OFFICERS FOR 1983-84

L. N. "Judge" Landis, Vice Chairperson

Vice Chairperson Landis called attention to Chairperson Rudee's memorandum entitled, Appointment of Nominating Committee, dated June 1, 1983, in which she appointed besides herself as Chairperson, Directors Britt, Cooper, Doetsch, and McPeak.

REPORT OF BOARD LIAISON TO THE ADVISORY COUNCIL

L. N. "Judge" Landis, Vice Chairperson

Mr. Landis reported on his attendance at Council meetings, pointing out that a lot of their Committee structure has been revised, and expressing appreciation to the Council for the work it has done.

PUBLIC HEARING TO CONSIDER ADOPTION OF DISTRICT BUDGET  
AND ACCOMPANYING RESOLUTIONS FOR 1983-84

Mr. Corcoran stated that the Budget and Finance Committee recommends that the budget be approved as presented. Mr. Feldstein called attention to his report entitled, Public Hearing to Consider Adoption of 1983-84 Budget and Accompanying Resolutions, dated May 26, 1983, briefly reviewing the budget and advising that the Federal Grant is \$19,000 less than estimated, which amount will have to come from the General Reserve.

Mr. Bort reported that the Personnel Committee met prior to the Board meeting and approved the establishment of a new position because of a vacancy, but this would not affect the overall budget as presented.

Vice Chairperson Landis opened the public hearing at 9:50 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice to Taxpayers.

There were no presentations.

Mr. Ogawa moved the hearing be closed at 9:51 A.M.; seconded by Mr. Doetsch; carried.

On motion of Mr. Corcoran, seconded by Mr. Doetsch; the following Resolutions were adopted on roll call:

Resolution Nos.

1457 - In the Matter of Transferring Funds from the Un-encumbered Balance of Appropriations to Fund Balance Available.

1458 - In the Matter of Transferring Funds from Permanent Salaries to a Reserve for Adjustments for Prior Years.



Resolution Nos.

- 1459 - In the Matter of Authorizing Transfer of Funds to Provide for Expenses of the District.
- 1460 - In the Matter of Transferring Funds and Providing for the Continuance of the General Reserve from Year to Year.
- 1461 - In the Matter of Authorizing the Air Pollution Control Officer to Sell or Dispose of Surplus or Obsolete Equipment.
- 1462 - In the Matter of Amending the Salary Ranges of District Employees and Providing Fringe Benefits.
- 1463 - In the Matter of Establishing the Position of Senior Air Quality Engineer.
- 1464 - In the Matter of Approving the Budget for the Bay Area Air Quality Management District for the Fiscal Year Ending June 30, 1984 (FY 1983-84).

AYES: ARAMBURU, BORT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, COOPER, RUDEE.

REPORT OF PERSONNEL COMMITTEE  
Carol Ruth Silver, Chairperson

Ms. Silver advised the Committee met prior to the Board meeting and recommends that the Advisory Council's recommendation with respect to an absence policy for Advisory Council members be adopted as follows:

Council absences to be reviewed on an annual basis; that if a member of the Council misses more than 50% of its schedule assigned Committees and Council meetings, the Executive Committee of the Council should review the attendance of that member(s) and report the result of its review to the Personnel Committee; that the review would not be considered a recommendation for action but would be a finding of fact as to why the member(s) was absent; that this policy would be in addition to the existing Policy Statement on Advisory Council Members Attendance Record adopted by the Board in 1970;

and she so moved; seconded by Mr. Diridon; carried.

Ms. Silver stated the Committee also discussed limiting the terms of Council members and recommends that their terms be limited to 12 years, except if the Personnel Committee determines that the Council has extraordinary need for that person's talents; that a person could be reappointed to the Council after being off it



for 2 years; that the policy would be implemented with the terms beginning January 1, 1987, and she so moved; seconded by Ms. Speier.

Mr. Britt arrived at 10:00 A.M.

The motion carried with Directors Cunningham and Ogawa voting "no."

PUBLIC HEARING TO CONSIDER CONTROL OF EMISSIONS FROM  
ASPHALT PROCESSING AND ASPHALT ROOFING MANUFACTURING,  
REGULATION 10, RULE 30

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider Regulation 10, Rule 30: Asphalt Processing and Asphalt Roofing Manufacturing, dated May 25, 1983.

Mr. Cooper arrived at 10:10 A.M.

There was discussion that this regulation was an EPA requirement for new or modified plants; the emissions involved; that the regulation was more stringent than the current opacity regulation, and also controls odors which is not an EPA requirement.

Vice Chairperson Landis opened the public hearing at 10:18 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

The following made a presentation:

Frank Stead  
American Lung Association

suggested that the exemption under this regulation for existing plants be changed if it is economically feasible for existing plants to retrofit; that this principle should be considered each time a new regulation is considered.

Fred Hall  
Owens Corning Fiberglass

supported the proposed regulation.

Ms. Silver moved the public hearing be closed at 10:24 A.M.; seconded by Mr. Aramburu; carried.

Mr. Aramburu requested a report on the impact of retrofitting existing plants to meet the proposed regulation, number of plants which would be impacted and emission reduction therefrom, and Vice Chairperson Landis so ordered.

Ms. Silver moved the adoption of Resolution No. 1465, In the Matter of Adopting Rule 30 of Regulation 10 Relating to New Plant Performance and Emission Requirements for Asphalt Processing and Asphalt Roofing Manufacturing; seconded by Mr. Bort.

Mr. Powell outlined the Conflict of Interest which would be applicable to Directors when adopting the regulation.

The motion carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS,  
McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: RUDEE.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

There was none.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis, Vice Chairperson

There was none.

BOARD MEMBERS' COMMENTS

Ms. Silver referred to the communication from the Monterey Bay Unified Air Pollution Control District suggesting the Board adopt a resolution opposing SB-644 (Nielsen). Mr. Feldstein advised that the Board has already gone on record opposing the legislation.

OTHER

The report, Pending Board Referrals to Advisory Council, dated February 2, 1983, was presented.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, June 15, 1983, 939 Ellis Street,  
San Francisco, California.

CLOSED SESSION TO CONSIDER LITIGATION

The Board went into Closed Session at 10:29 A.M., and reconvened at 11:08 A.M.

Mr. Bort moved that the Board authorize the additional payment of \$1,049.20 for legal services already rendered by the firm of Shute, Mihaly & Weinberger; and the transfer of funds as appropriated by the adoption of Resolution No. 1466, In the Matter of Authorizing the Transfer of Funds in Connection With the Previous Authorization of Independent Legal Representation for the Hearing Board in a Particular Court Action; seconded by Ms. Silver; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CUNNINGHAM, HUGHAN,  
McPEAK, NICOLOPULOS, SILVER, SPEIER, WILSON.

NOES: COOPER, CORCORAN, DOETSCH, LANDIS, MOSKOWITE,  
OGAWA.

ABSENT: DIRIDON, RUDEE.

The meeting adjourned at 11:10 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District





BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**

June 15, 1983

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JUN 15 1983

UNIVERSITY OF CALIFORNIA

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
June 15, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:	Albert Aramburu, Joseph P. Bort, John F. Cunningham, Rod Diridon, Ralph P. Doetsch, Sr., Roberta H. Hughan, L. N. "Judge" Landis, Sunne Wright McPeak, Harold I. Moskowite, Gus J. Nicolopoulos, Frank H. Ogawa, Helen B. Rudee, Carol Ruth Silver, K. Jacqueline Speier, Susanne Wilson.
BOARD MEMBERS ABSENT:	Harry G. Britt, Fred F. Cooper, Thomas J. Corcoran.
ADVISORY COUNCIL MEMBERS PRESENT:	Michael R. Barr, Jack C. Oppenheimer.
STAFF MEMBERS PRESENT:	Milton Feldstein, Hulan F. Brinkley, Peter Hess, Steve Hill, Terry Lee, John F. Powell, Ron Raimondi, Lewis H. Robinson, Mabel Harder.

- - -



Chairperson Rudee called the meeting to order at 9:35 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF JUNE 1, 1983

Ms. Harder requested the following corrections:

Page 6, paragraph 5, line 1, to read: "Mr. Hess reviewed the APCO's report entitled ...".

Page 6, paragraph 7 at the end of the line add: "and also controls odors which is not an EPA requirement."

Page 7, paragraph 11, line 3 to read: "... Mr. Feldstein advised ..."

COMMUNICATIONS

Rod Diridon, Secretary

The following communications were presented:

Theodore R. Weller, Sr., P.E.  
Consulting Engineer  
Sonoma

University of California, Irvine

John R. Holmes, Ph.D.  
Chief Research Division  
ARB

Thomas J. Corcoran

Evelyn F. Heidelberg  
Vice President  
California Council for Environmental and Economic Balance

William F. Powers  
Director of Redevelopment  
City of Sunnydale

REFUNDS

The APCO's report entitled, Refunds, dated June 9, 1983, was presented.

APPROVAL OF CONTRACT WITH LEGISLATIVE REPRESENTATIVE FOR 1983-84

The APCO's report entitled, Contract With Legislative Representative, dated June 7, 1983, was presented.

Adopted Resolution No. 1467, In the Matter of Approving a Contract with the District's Legislative Representative For Fiscal Year 1983-84.

APPROVAL OF RESOLUTION TO AMEND PERS CONTRACT

The APCO's report entitled, Amendment to P.E.R.S. Contract, undated, was presented.

Adopted Resolution No. 1468, In the Matter of Authorizing an Amendment to the Contract of the Bay Area Air Quality Management District and the Board of Administration of the Public Employees Retirement System.

PRESENTATION OF DISTRICT AUDIT REPORT FOR 1981-82

The APCO's report entitled, District Audit Report for 1981-82, dated June 9, 1983, was presented.

AUTHORIZATION FOR APCO TO SIGN AND SUBMIT FEDERAL GRANT AND STATE SUBVENTION APPLICATIONS FOR 1983-84

The APCO's report entitled, Grant Applications for Fiscal 1983-84, dated June 9, 1983, was presented.

Adopted Resolution No. 1469, In the Matter of Authorizing the Air Pollution Control Officer to Submit Applications for State and Federal Subvention Grants.

APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's report entitled, Approval For Out-Of-State Travel, dated June 9, 1983, was presented.

STATUS REPORT ON 1983-84 MEMORANDUM OF UNDERSTANDING

The APCO's report entitled, Status Report on 1983-84 M.O.U., dated June 9, 1983, was presented.

TRANSFER OF FUNDS AND APPROVAL OF CONTRACT ON ECONOMETRIC MODELING

The APCO's report entitled, Transfer of Funds and Approval of Contract on Econometric Modeling, dated June 9, 1983, was presented.

Adopted Resolution No. 1470, In the Matter of Approving a Contract for Econometric Modeling and a Related Transfer of Funds.

APPROVAL OF EMPLOYEE BENEFIT RESOLUTION FOR PERS

The APCO's report entitled, Approval of Employee Benefit Resolution for PERS, dated June 9, 1983, was presented.

Adopted Resolution No. 1471, In the Matter of Fixing the District's Contribution Under Public Employees Medical and Hospital Care Act.

Mr. Doetsch moved the adoption of the above Consent Calendar items; seconded by Mr. Diridon; carried on roll call:

AYES: ARAMBURU, BORT, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER.

NOES: NONE.

ABSENT: BRITT, COOPER, CORCORAN, SILVER, WILSON.

PUBLIC HEARING TO CONSIDER CONTROL OF EMISSIONS FROM THE  
ELECTRONICS INDUSTRY, REGULATION 8, RULE 30 - STAFF

The APCO's report entitled, Public Hearing to Consider Regulation 8, Rule 30, Semiconductor Manufacturing Operations, dated June 9, 1983, was presented. Mr. Feldstein reviewed the necessity for the regulation, pointing out the need to achieve the ozone standard by 1987, and that this regulation was just one of 23 measures to be used in achieving the standard; and he briefly reviewed his report.

Mrs. Wilson arrived at 9:45 A.M.

Mr. Steve Hill provided background on the electronics industry and the processes used in manufacturing the silicon wafer.

Ms. Silver arrived at 9:51 A.M.

Mr. Hill outlined the sources of emissions. There was discussion on the diffusion section of the report and the gases involved, Mr. Hess advising that the District is conducting source tests on said gases; that the conversion costs are difficult to assess because various engineering and personnel training costs are involved; Staff had no knowledge of Japanese control techniques.

Mr. Hill outlined the control equipment, and there was discussion thereon. Mr. Hess discussed the Staff requirements for solvent cleaning stations and negative photoresist operations, using slides. He named the 8 largest semiconductor facilities affected; that Staff is in the evaluation period of other contaminants, which evaluation should be finished in a year. There was discussion of the 3.4 T/D reduction to be achieved by 1987, Mr. Hess advising that point.2 T/D is from sinks and 3.2 T/D from photoresist application.

Ms. Silver referred to the letter the Board received from the Silicon Valley Toxics Coalition, dated June 15, 1983, and the concerns expressed therein with respect to toxic emissions, Mr. Feldstein advising that the ARB has embarked on a program to identify and control toxic air contaminants; that ARB will develop a list of substances of public health concern, after which regulations will be developed if there are substantial emissions of the compounds.



Chairperson Rudee opened the public hearing at 10:43 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

The following made a presentation:

John Feineman  
Chairperson, Environmental Action Committee  
Peninsula Industrial and Business Association

spoke as a private citizen, advising that his company, Lenkurt has merged and is moving out of the Bay Area resulting in unemployment for several persons, and suggesting the Board consider the cost-benefit of the regulation in its deliberations.

Mr. Powell outlined the Conflict of Interest laws involved with respect to the adoption of this regulation, furnishing a copy of the APCO's report entitled, Setting of Public Hearing - Conflict of Interest Notice, dated April 28, 1983.

Max Mason  
Chairperson, Air Resources Committee  
BALIA

expressed concern about the proposed Schedule of Compliance and the cost of control, pointing out that the costs involved are much higher than quoted in the AQMP; suggested the Board establish a cost-benefit policy, through the Advisory Council.

In discussion, Mr. Feldstein stated that the costs involved are not inordinate in achieving the goal.

Mr. Diridon pointed out that it was important that the Inspection and Maintenance program be supported because annually it would achieve 12 T/D reduction, and requested support from BALIA and the semiconductor industry.

Theodore G. Smith  
Smith and Johnson  
Chairperson, Silicon Valley Toxics Coalition

referred to his letter dated June 15, 1983, the T/D estimated to be achieved; should move towards the use of carbon adsorption; that costs were negligible; that people are being affected by toxic exposure; that a deadline should be set as soon as possible to regulate non-precursor toxics; that the effective dates in the regulation are too generous.

Mr. Diridon addressed the down-wind precursors which enter Santa Clara County.

Mrs. Wilson left at 11:40 A.M.

Peter B. Giles, Chairperson  
Industry Environmental Coordinating Committee

presented a letter dated June 13, 1983, outlining their concerns; requesting a 1 year extension of the Authority to Construct compliance date.

In discussion, there were questions raised as to whether the Board had received enough information; whether the regulation should be referred to the Advisory Council; that industry should provide specific information with respect to the cost factors and efficiency data.

Dan Wilkowsky  
Environmental Affairs  
National Semiconductor

addressed the positive photoresist process, stating it cost about 10 times more than negative for the chemicals; it is slower and not for large production; that the cost of control is estimated at \$13,000 per ton, or \$14 MM annual amortized cost for the industry.

Mr. Feldstein pointed out that the regulation provides for alternate methods of compliance.

There was further discussion on cost for installing a carbon adsorption system; that it is unproven in the semiconductor industry. Mrs. McPeak suggested that the industry determine other areas where the reduction being discussed today could be achieved if it were difficult for them to meet the proposed regulation; pointing out that the 1987 objective needs to be met.

Frank Stead  
American Lung Association

addressed the metal degreasing regulation and suggested the semiconductor industry enclose their operations so that there was no necessity for the high air supply.

Rico E. Horca  
Water, Environmental and Resources Management Consultant  
Benicia

expressed concern about the cost-benefit ratio, and its effect on management's decisions; that the semiconductor industry is moving outside the United States and that the reasons given therefore are too stringent environmental regulations, high cost of labor, attitude of the labor force.

After discussion, Mr. Diridon moved that the public hearing be continued to July 6, 1983; seconded by Mr. Doetsch.

Mr. Landis suggested that it be continued to September to give the industry an opportunity to furnish specific answers to the problems. After discussion, the motion carried.

Directors Aramburu, Moskowitz and Ogawa left at 12:05 P.M.

Ms. Silver moved that the Executive Committee and Staff develop a program to evaluate the environmental program of those areas nationwide and worldwide to which industry is moving; make contact with the environmental groups in those areas to acquaint them with the District's regulations; seconded by Mr. Diridon; carried.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

There was none.

CHAIRPERSON'S REPORT  
Helen B. Rudee

Chairperson Rudee stated the Nominating Committee would meet after the Board meeting.

BOARD MEMBERS' COMMENTS

Mr. Cunningham called attention to his memorandum entitled, Composition of Nominating Committee, dated June 1, 1983, and moved that the Administrative Code be amended at the meeting on July 6, 1983, as outlined in his report; seconded by Mr. Ogawa; carried.

OTHER

The following reports were presented;

Pending Referrals from Board of Directors, dated June 1, 1983.

Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, July 6, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 12:19 P.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:cc



BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT

939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**

1581  
July 6, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
July 6, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hughan, L. N. "Judge"  
Landis, Sunne Wright McPeak, Harold I.  
Moskowite, Frank H. Ogawa, Helen B.  
Rudee, Carol Ruth Silver, Susanne  
Wilson.

BOARD MEMBERS ABSENT: Gus J. Nicolopoulos, K. Jacqueline  
Speier.

ADVISORY COUNCIL MEMBERS PRESENT: Walter F. Dabberdt, Jack C. Oppenheimer.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Terry Lee, Dario Levaggi,  
Edward W. McHugh, John F. Powell,  
Lewis H. Robinson, Mabel Harder.

- - -

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Chairperson Rudee called the meeting to order at 9:32 A.M.

PUBLIC PRESENTATION

There was none.

- - -

Chairperson Rudee advised the Board of the S. Smith Griswold Award given to Mr. Feldstein at the APCA meeting in Atlanta, Georgia June 19-25, 1983.

APPROVAL OF MINUTES OF JUNE 15, 1983

COMMUNICATIONS  
Rod Diridon, Secretary

The following communications were presented:

Marvin R. Baxter  
Appointments Secretary to the Governor

Joseph E. Clarkson, Chief  
Registration Unit  
Internal Security Section  
Criminal Division  
U.S. Department of Justice

Barry R. Horn, M.D.

Robert E. Archibald  
Napa

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report  
Period May 21, 1983 through June 20, 1983;

Director of Permit Services Division Monthly Activity  
Report - May 20, 1983 to June 20, 1983;

Director of Technical Services Monthly Activity Report -  
May 16, 1983 through July 15, 1983;

Director of Planning Division Activity Report - May 18,  
1983 through June 21, 1983;

Director of Public Information Monthly Activity Report -  
May 25, 1983-June 22, 1983;



Status of Legal Matters: May 24, 1983-June 28, 1983;

Director of Administrative Services Appropriation Statement  
and Cash Position - May 31, 1983.

AUTHORIZATION FOR CHAIRPERSON TO SIGN PURCHASE ORDERS  
IN EXCESS OF \$15,000

The APCO's report entitled, Authorization for Chairperson to Sign Purchase Orders, dated June 30, 1983, was presented.

Adopted Resolution No. 1472, In the Matter of Authorizing the Chairperson of the Board to Sign Two Purchase Orders in Excess of \$15,000 Each.

APPROVAL OF 1983-84 M.O.U. WITH EMPLOYEE ASSOCIATION

The APCO's report entitled, Approval of 1983-84 M.O.U., dated June 30, 1983, was presented.

Adopted Resolution No. 1473, In the Matter of Approving a Memorandum of Understanding.

APPROVAL OF AMENDMENT TO DISTRICT ADMINISTRATIVE CODE

The APCO's report entitled, Approval of Amendment to Administrative Code Regarding the Nominating Committee, dated June 30, 1983, was presented.

Adopted Resolution No. 1474, In the Matter of Amending the Administrative Code.

BOARD POLICY ON ADVISORY COUNCIL ATTENDANCE

The APCO's report entitled, Policies Adopted by the Board of Directors on June 1, 1983, Concerning Attendance and Terms of Advisory Council Members, dated June 30, 1983, was presented.

CLAIM AGAINST THE DISTRICT

The APCO's report entitled, Claim of Ahmad Avash, dated June 28, 1983, was presented.

POSTPONEMENT OF PUBLIC HEARING TO CONSIDER CONTROL  
OF EMISSIONS FROM PLASTIC COATING OPERATIONS,  
REGULATION 8, RULE 31 TO SEPTEMBER 7, 1983

The APCO's report entitled, Postponement of Public Hearing Concerning Plastic Coating Operations, Regulation 8, Rule 31, dated June 30, 1983, was presented.

On the motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
OGAWA, RUDEE, WILSON.

NOES: NONE.

ABSENT: BRITT, McPEAK, NICOLOPULOS, SILVER, SPEIER.

REPORT OF NOMINATING COMMITTEE AND ELECTION  
OF OFFICERS FOR 1983-84

Chairperson Rudee reported that the Nominating Committee was comprised of herself, Directors Doetsch, Hughan, McPeak and Speier. Mr. Doetsch reported that the Committee recommended Director Landis for Chairperson, Director Diridon for Vice Chairperson, and Director Silver for Secretary.

Chairperson Rudee requested nominations from the floor for the position of Chairperson. Hearing none, she declared the nomination to be closed.

Chairperson Rudee requested nominations from the floor for the position of Vice Chairperson. Hearing none, she declared the nomination to be closed.

Chairperson Rudee requested nominations from the floor for the position of Secretary. Mr. Ogawa nominated Director Corcoran. Hearing no further nominations from the floor, Chairperson Rudee declared the nomination to be closed.

Mr. Bort moved that Director Landis be elected Chairperson and Director Diridon be elected Vice Chairperson; seconded by Mr. Ogawa; carried.

Mrs. McPeak arrived at 9:47 A.M.

By ballot, the Board elected Director Corcoran as Secretary with 8 votes; Director Silver with 6 votes, and four Directors being absent.

Mr. Landis assumed the Chairmanship and presented to Mrs. Rudee a plaque of appreciation for her Chairmanship during the 1982-83 fiscal year.

Mr. Britt arrived at 9:50 A.M.

CONTINUATION OF PUBLIC HEARING TO CONSIDER CONTROL  
OF EMISSIONS FROM THE SEMICONDUCTOR MANUFACTURING  
INDUSTRY, REGULATION 8, RULE 30

Mr. Feldstein reviewed his report entitled, Continuation of Public Hearing to Consider Regulation 8, Rule 30: Semiconductor Manufacturing Operations, dated June 30, 1983.

Ms. Silver arrived at 9:57 A.M.



Mr. Feldstein presented an announcement of the PEDCo Workshop on VOC Control in the Electronics Industry for July 12-13, 1983.

In discussion, Mr. Feldstein stated that the Staff is recommending a uniform effective date for large and small facilities because of the testing program that needs to be engaged in. There was discussion that the effective date of 1987 was very near the AQMP deadline; that rather than extending the effective date to 1987, the variance procedure could be used if needed. Mr. Diridon pointed out that there was need for stronger Inspection and Maintenance legislation.

Chairperson Landis opened the public hearing at 10:08 A.M.

The following made a presentation:

Peter B. Giles, President  
Santa Clara County Manufacturing Group

supported the Staff recommendation.

Frank B. Stead  
American Lung Association

suggested that the basic principle of enclosing the source of emissions should be explored, rather than permitting the vapors to escape to the atmosphere.

Ted Smith, President  
Silicon Valley Toxics Coalition

expressed concern about extending the effective date, pointing out that in their proposal of June 15, 1983, they questioned the time for compliance being given.

Mr. Ogawa moved the public hearing be closed at 10:15 A.M.; seconded by Mr. Doetsch; carried.

In further discussion of extending the effective date to January 1, 1987, Mr. Feldstein stated that while technology was available, industry needed engineering time to design its support system; that plans for compliance need to be submitted to the APCO by March 1, 1985; that new facilities will have to meet the regulation requirements.

Mr. Aramburu moved the adoption of Resolution No. 1475, In the Matter of Adopting Regulation 8, Rule 30, Relating to the Control of Emissions from Semiconductor Manufacturing Operations; seconded by Mr. Doetsch.

Ms. Silver moved to amend the motion to advance the submission of plans from March 1, 1985 to September 1, 1984, and advancing all



other dates in section 401 six months; seconded by Mrs. Rudee; failed on roll call:

AYES: HUGHAN, RUDEE, SILVER.

NOES: ARAMBURU, BRITT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, LANDIS, McPEAK, MOSKOWITE, WILSON.

ABSENT: NICOLOPULOS, OGAWA, SPEIER.

ABSTAINING: BORT

Mr. Aramburu's motion then carried on roll call:

AYES: ARAMBURU, BRITT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: NICOLOPULOS, OGAWA, SPEIER

ABSTAINING: BORT

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 3 REGARDING PERMIT FEES

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 3: Permit Fees, dated June 30, 1983.

There was discussion on §310 - Late Fee, and Schedule I, Drycleaners, Mr. Cooper suggesting the word "consumption" be changed to "purchased", and it was so agreed.

Chairperson Landis opened the public hearing at 10:43 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

There were no presentations.

Mr. Doetsch moved the hearing be closed at 10:44 A.M.; seconded by Mr. Ogawa; carried.

In further discussion of Schedule I - Drycleaners - it was agreed that the word "exempted" should be changed to "collected". The first paragraph of this Schedule to read:

For each drycleaning facility the fee shall be collected on the basis of total net annual solvent purchased;

Mrs. Rudee moved the adoption of Resolution No. 1476, In the Matter of Amending Regulation 3 Relating to Fees, as amended; seconded by Mr. Corcoran; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, LANDIS, McPEAK, MOSKOWITE, OGAWA, RUDEE, WILSON.

NOES: NONE.

ABSENT: BRITT, HUGHAN, NICOLOPULOS, SILVER, SPEIER.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein reviewed his attendance at the APCA meeting in Atlanta, Georgia June 19-25, 1983.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

There was none.

BOARD MEMBERS' COMMENTS

Mr. Aramburu requested an interim report on the status of the Inspection and Maintenance Program, and Chairperson Landis requested the Staff to make a presentation at the September 21, 1983 meeting.

Directors Rudee, Cooper and Silver reported on their attendance at the APCA meeting in Atlanta, Georgia. Ms. Silver referred to the discussion at the meeting with respect to the ambient air quality inside a building, requesting the Staff to determine if the District has jurisdiction over air quality outside of the work place, and if not, determine whether the District should seek a change in the legislation to have such jurisdiction. Mr. Cooper requested that the report include information on asbestos and formaldehyde emissions in schools.

Ms. Silver suggested that the purveyors of equipment to control air pollution be notified when the District has a public hearing on regulations, stating their input as to the state of technology would be helpful when the issue is discussed by the Board. After discussion, Mr. Feldstein stated that these firms would be invited to the Workshops.

Ms. Silver referred to the Georgia Pacific coal burning power plant in Atlanta, and its emissions, suggesting that a letter be sent to the District's Congressional delegation and the Governor of Georgia expressing concern about acid rain and pointing out that the state of Georgia does not require control equipment on power plant stacks. After discussion, Chairperson Landis requested Mr. Feldstein to provide a report and recommendation as to what would be the most productive means of sending this information to the Washington delegation. Mr. Feldstein suggested that a representative from EPA be invited to make a presentation on the differences between Georgia and California regulations, and Chairperson Landis so ordered.

Mr. Bort moved that the Board reaffirm its strong stand that it would like a national approach, including an international approach, to reduce acid rain; seconded by Mr. Aramburu; carried.

- - -

Chairperson Landis stated that the meeting of August 17, 1983 would be cancelled.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated June 15, 1983, and Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, July 20, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 11:20 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:mh

Corrected 8/3/83





BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109



Jack Isister  
University of California  
106 Poes Hall, Governmental Studies  
Berkeley, CA 94720

**FIRST CLASS**

17581  
July 6, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
July 6, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F. Cunningham,  
Rod Diridon, Ralph P. Doetsch, Sr.,  
Robertta H. Hugan, L. N. "Judge"  
Landis, Sunne Wright McPeak, Harold I.  
Moskowite, Frank H. Ogawa, Helen B.  
Rudee, Carol Ruth Silver, Susanne  
Wilson.

BOARD MEMBERS ABSENT: Gus J. Nicolopoulos, K. Jacqueline  
Speier.

ADVISORY COUNCIL  
MEMBERS PRESENT: Walter F. Dabberdt, Jack C. Oppenheimer.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Terry Lee, Dario Levaggi,  
Edward W. McHugh, John F. Powell,  
Lewis H. Robinson, Mabel Harder.

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UNIVERSITY OF CALIFORNIA



Chairperson Rudee called the meeting to order at 9:32 A.M.

PUBLIC PRESENTATION

There was none.

- - -

Chairperson Rudee advised the Board of the S. Smith Griswold Award given to Mr. Feldstein at the APCA meeting in Atlanta, Georgia June 19-25, 1983.

APPROVAL OF MINUTES OF JUNE 15, 1983

COMMUNICATIONS

Rod Diridon, Secretary

The following communications were presented:

Marvin R. Baxter  
Appointments Secretary to the Governor

Joseph E. Clarkson, Chief  
Registration Unit  
Internal Security Section  
Criminal Division  
U.S. Department of Justice

Barry R. Horn, M.D.

Robert E. Archibald  
Napa

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report  
Period May 21, 1983 through June 20, 1983;

Director of Permit Services Division Monthly Activity  
Report - May 20, 1983 to June 20, 1983;

Director of Technical Services Monthly Activity Report -  
May 16, 1983 through July 15, 1983;

Director of Planning Division Activity Report - May 18,  
1983 through June 21, 1983;

Director of Public Information Monthly Activity Report -  
May 25, 1983-June 22, 1983;

Status of Legal Matters: May 24, 1983-June 28, 1983;

Director of Administrative Services Appropriation Statement  
and Cash Position - May 31, 1983.

AUTHORIZATION FOR CHAIRPERSON TO SIGN PURCHASE ORDERS  
IN EXCESS OF \$15,000

The APCO's report entitled, Authorization for Chairperson to Sign Purchase Orders, dated June 30, 1983, was presented.

Adopted Resolution No. 1472, In the Matter of Authorizing the Chairperson of the Board to Sign Two Purchase Orders in Excess of \$15,000 Each.

APPROVAL OF 1983-84 M.O.U. WITH EMPLOYEE ASSOCIATION

The APCO's report entitled, Approval of 1983-84 M.O.U., dated June 30, 1983, was presented.

Adopted Resolution No. 1473, In the Matter of Approving a Memorandum of Understanding.

APPROVAL OF AMENDMENT TO DISTRICT ADMINISTRATIVE CODE

The APCO's report entitled, Approval of Amendment to Administrative Code Regarding the Nominating Committee, dated June 30, 1983, was presented.

Adopted Resolution No. 1474, In the Matter of Amending the Administrative Code.

BOARD POLICY ON ADVISORY COUNCIL ATTENDANCE

The APCO's report entitled, Policies Adopted by the Board of Directors on June 1, 1983, Concerning Attendance and Terms of Advisory Council Members, dated June 30, 1983, was presented.

CLAIM AGAINST THE DISTRICT

The APCO's report entitled, Claim of Ahmad Avash, dated June 28, 1983, was presented.

POSTPONEMENT OF PUBLIC HEARING TO CONSIDER CONTROL  
OF EMISSIONS FROM PLASTIC COATING OPERATIONS,  
REGULATION 8, RULE 31 TO SEPTEMBER 7, 1983

The APCO's report entitled, Postponement of Public Hearing Concerning Plastic Coating Operations, Regulation 8, Rule 31, dated June 30, 1983, was presented.

REPORT OF NOMINATING COMMITTEE AND ELECTION  
OF OFFICERS FOR 1983-84

Chairperson Rudee reported that the Nominating Committee was comprised of herself, Directors Doetsch, Hughan, McPeak and Speier. Mr. Doetsch reported that the Committee recommended Director Landis for Chairperson, Director Diridon for Vice Chairperson, and Director Silver for Secretary.

Chairperson Rudee requested nominations from the floor for the position of Chairperson. Hearing none, she declared the nomination to be closed.

Chairperson Rudee requested nominations from the floor for the position of Vice Chairperson. Hearing none, she declared the nomination to be closed.

Chairperson Rudee requested nominations from the floor for the position of Secretary. Mr. Ogawa nominated Director Corcoran. Hearing no further nominations from the floor, Chairperson Rudee declared the nomination to be closed.

Mr. Bort moved that Director Landis be elected Chairperson and Director Diridon be elected Vice Chairperson; seconded by Mr. Ogawa; carried.

Mrs. McPeak arrived at 9:47 A.M.

By ballot, the Board elected Director Corcoran as Secretary with 8 votes; Director Silver with 6 votes, and four Directors being absent.

Mr. Landis assumed the Chairmanship and presented to Mrs. Rudee a plaque of appreciation for her Chairmanship during the 1982-83 fiscal year.

Mr. Britt arrived at 9:50 A.M.

CONTINUATION OF PUBLIC HEARING TO CONSIDER CONTROL  
OF EMISSIONS FROM THE SEMICONDUCTOR MANUFACTURING  
INDUSTRY, REGULATION 8, RULE 30

Mr. Feldstein reviewed his report entitled, Continuation of Public Hearing to Consider Regulation 8, Rule 30: Semiconductor Manufacturing Operations, dated June 30, 1983.

Ms. Silver arrived at 9:57 A.M.

Mr. Feldstein presented an announcement of the PEDCo Workshop on VOC Control in the Electronics Industry for July 12-13, 1983.



In discussion, Mr. Feldstein stated that the Staff is recommending a uniform effective date for large and small facilities because of the testing program that needs to be engaged in. There was discussion that the effective date of 1987 was very near the AQMP deadline; that rather than extending the effective date to 1987, the variance procedure could be used if needed. Mr. Diridon pointed out that there was need for stronger Inspection and Maintenance legislation.

Chairperson Landis opened the public hearing at 10:08 A.M.

The following made a presentation:

Peter B. Giles, President  
Santa Clara County Manufacturing Group

supported the Staff recommendation.

Frank B. Stead  
American Lung Association

suggested that the basic principle of enclosing the source of emissions should be explored, rather than permitting the vapors to escape to the atmosphere.

Ted Smith, President  
Silicon Valley Toxics Coalition

expressed concern about extending the effective date, pointing out that in their proposal of June 15, 1983, they questioned the time for compliance being given.

Mr. Ogawa moved the public hearing be closed at 10:15 A.M.; seconded by Mr. Doetsch; carried.

In further discussion of extending the effective date to January 1, 1987, Mr. Feldstein stated that while technology was available, industry needed engineering time to design its support system; that plans for compliance need to be submitted to the APCO by March 1, 1985; that new facilities will have to meet the regulation requirements.

Mr. Aramburu moved the adoption of Resolution No. 1475, In the Matter of Adopting Regulation 8, Rule 30, Relating to the Control of Emissions from Semiconductor Manufacturing Operations; seconded by Mr. Doetsch.

Ms. Silver moved to amend the motion to advance the submission of plans from March 1, 1985 to September 1, 1984, and advancing all

other dates in section 401 six months; seconded by Mrs. Rudee;  
failed on roll call:

AYES: HUGHAN, RUDEE, SILVER.

NOES: ARAMBURU, BRITT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, LANDIS, McPEAK, MOSKOWITE,  
WILSON.

ABSENT: NICOLOPULOS, OGAWA, SPEIER.

ABSTAINING: BORT

Mr. Aramburu's motion then carried on roll call:

AYES: ARAMBURU, BRITT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: NICOLOPULOS, OGAWA, SPEIER

ABSTAINING: BORT

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 3 REGARDING PERMIT FEES

Mr. Hess reviewed the APCO's report entitled, Public Hearing to  
Consider Amendments to Regulation 3: Permit Fees, dated June 30, 1983.

There was discussion on §310 - Late Fee, and Schedule I, Drycleaners,  
Mr. Cooper suggesting the word "consumption" be changed to  
"purchased", and it was so agreed.

Chairperson Landis opened the public hearing at 10:43 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication  
of Notice of Public Hearing.

There were no presentations.

Mr. Doetsch moved the hearing be closed at 10:44 A.M.; seconded  
by Mr. Ogawa; carried.

In further discussion of Schedule I - Drycleaners - it was agreed  
that the word "exempted" should be changed to "collected". The  
first paragraph of this Schedule to read:

For each drycleaning facility the fee shall be collected  
on the basis of total net annual solvent purchased;

Mrs. Rudee moved the adoption of Resolution No. 1476, In the Matter  
of Amending Regulation 3 Relating to Fees, as amended; seconded  
by Mr. Corcoran; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, LANDIS, McPEAK, MOSKOWITE,  
OGAWA, RUDEE, WILSON.



NOES: NONE.

ABSENT: BRITT, HUGHAN, NICOLOPULOS, SILVER, SPEIER.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein reviewed his attendance at the APCA meeting in Atlanta, Georgia June 19-25, 1983.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

There was none.

BOARD MEMBERS' COMMENTS

Mr. Aramburu requested an interim report on the status of the Inspection and Maintenance Program, and Chairperson Landis requested the Staff to make a presentation at the September 21, 1983 meeting.

Directors Rudee, Cooper and Silver reported on their attendance at the APCA meeting in Atlanta, Georgia. Ms. Silver referred to the discussion at the meeting with respect to the ambient air quality inside a building, requesting the Staff to determine if the District has jurisdiction over air quality outside of the work place, and if not, determine whether the District should seek a change in the legislation to have such jurisdiction. Mr. Cooper requested that the report include information on asbestos and formaldehyde emissions in schools.

Ms. Silver suggested that the purveyors of equipment to control air pollution be notified when the District has a public hearing on regulations, stating their input as to the state of technology would be helpful when the issue is discussed by the Board. After discussion, Mr. Feldstein stated that these firms would be invited to the Workshops.

Ms. Silver referred to the Georgia Pacific coal burning power plant in Atlanta, and its emissions, suggesting that a letter be sent to the District's Congressional delegation and the Governor of Georgia expressing concern about acid rain and pointing out that the state of Georgia does not require control equipment on power plant stacks. After discussion, Chairperson Landis requested Mr. Feldstein to provide a report and recommendation as to what would be the most productive means of sending this information to the Washington delegation. Mr. Feldstein suggested that a representative from EPA be invited to make a presentation on the differences between Georgia and California regulations, and Chairperson Landis so ordered.



Mr. Bort moved that the Board reaffirm its strong stand that it would like a national approach, including an international approach, to reduce acid rain; seconded by Mr. Aramburu; carried.

- - -

Chairperson Landis stated that the meeting of August 17, 1983 would be cancelled.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated June 15, 1983, and Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, July 20, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 11:20 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:mh



**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Xoses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**



41581  
July 20, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
July 20, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Thomas J. Corcoran,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis, Sunne  
Wright McPeak, Harold I. Moskowitz,  
Helen B. Rudee, Carol Ruth Silver,  
Susanne Wilson.

BOARD MEMBERS ABSENT:

Fred F. Cooper, Gus J. Nicolopoulos,  
Frank H. Ogawa, K. Jacqueline Speier.

ADVISORY COUNCIL MEMBER  
PRESENT:

Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Terry Lee, Thomas E.  
Perardi, John F. Powell, Mabel Harder.

- - -

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Chairperson Landis called the meeting to order at 9:30 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF JULY 6, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Peter Holloway  
Berkeley

Ernestine DeFalco, President  
League of Women Voters of the Bay Area

Ernest Watts  
Vice President  
Binks Manufacturing Company  
South San Francisco

Paul W. Klotz  
Regional Environmental Coordinator  
Betz - Converse - Murdoch, Inc.  
Mobile, Alabama

A. O. Henschel, President  
Magic Flow Filter Manufacturing Company  
National City, California

REFUNDS

The APCO's report entitled, Refunds, dated July 14, 1983, was presented.

SET PUBLIC HEARING FOR NOVEMBER 2, 1983  
TO CONSIDER A REGULATION FOR COLLECTING FEES  
IN COMPLIANCE WITH THE KAPILOFF ACID DEPOSITION ACT

The APCO's report entitled, Set Public Hearing Concerning the Kapiloff Acid Deposition Act, dated July 14, 1983, was presented.

AUTHORIZATION FOR CHAIRPERSON TO SIGN  
PURCHASE ORDER IN EXCESS OF \$15,000

The APCO's report entitled, Authorization for Chairperson to Sign Purchase Order in Excess of \$15,000, dated July 14, 1983, was presented.

Adopted Resolution No. 1477, In the Matter of Authorizing the Chairman of the Board of Directors to Sign a Purchase Order in Excess of \$15,000 (Centracom Console).

APPROVAL FOR CAPITAL EXPENDITURE AND TRANSFER OF FUNDS

The APCO's report entitled, Approval for Capital Expenditure and Transfer of Funds, dated July 14, 1983, was presented.

Adopted Resolution No. 1478, In the Matter of Approving a Capital Expenditure and Transfer of Funds Between Accounts.

On motion of Mr. Corcoran; seconded by Mr. Bort; the above Consent Calendar items carried on roll call.

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: COOPER, McPEAK, NICOLOPULOS, OGAWA, SPEIER.

REPORT OF BUDGET AND FINANCE COMMITTEE  
Thomas J. Corcoran, Chairperson

Mr. Corcoran reported that the Committee met prior to the Board meeting and recommended the firm of Peat, Marwick, Mitchell & Co. to serve as the District auditor for three years starting with 1982-83, and he moved the adoption of Resolution No. 1479, In the Matter of Approving the Selection of a District Auditor; seconded by Mr. Bort; carried on roll call.

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: COOPER, McPEAK, NICOLOPULOS, OGAWA, SPEIER.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 8, RULE 20 REGARDING  
GRAPHIC ARTS COATING OPERATIONS

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider of Revised Regulation 8, Rule 20: Graphic Arts Coating Operations, dated July 14, 1983, calling attention to the errata



sheet entitled, Corrections to Graphic Arts Coating Operations, dated July 18, 1983, with respect to §207. The APCO's report entitled, Setting Of Public Hearing - Conflict of Interest, dated May 2, 1983, was presented.

Mrs. McPeak arrived at 9:36 A.M.

Chairperson Landis opened the public hearing at 9:37 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearings.

There were no presentations.

On inquiry from Ms. Silver, Mr. Hess reviewed the change made to §302.3. Ms. Silver moved the public hearing be closed at 9:41 A.M.; seconded by Mr. Aramburu; carried.

Mr. Bort moved the adoption of Resolution No. 1480, In the Matter of Amending Rule 20 of Regulation 8 Relating to Graphic Arts Coating Operations, with the correction to §207 proposed by the Staff; seconded by Mr. Aramburu; carried on roll call.

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: COOPER, NICOLOPULOS, OGAWA, SPEIER.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 8, RULES 9, 10, 22, 25 AND 28  
REGARDING CHEMICAL PLANTS

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 8 - Rules 9, 10, 22, 25 and 28; Regarding Chemical Plants, dated July 14, 1983, using slides in connection therewith. The APCO's report entitled, Conflict of Interest Notice: Chemical Plants, dated July 20, 1983, was presented.

During the review of Rule 28, there was discussion on the amount of gases being emitted through the pressure release valve; that when information on a control device is available, the Staff will request the Regulation be amended to include this source.

Mr. Hess called attention to the errata sheet entitled, Corrections to Valve and Flange at Chemical Plants, dated July 18, 1983, with respect to Rule 22, §301.3.

Chairperson Landis opened the public hearing at 10:05 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearings.

The following made a presentation:

Andre Tamany  
Environmental Control Department  
Dow Chemical Company

addressed Rule 10, §401, questioning the necessity for turn-around records, pointing out that turn-around implies applicability to refineries which is different from a research company. Mr. Hess replied that the Regulation applied to refineries only.

After further discussion, Mr. Aramburu moved the public hearing be closed at 10:15 A.M.; seconded by Mr. Doetsch; carried.

Mr. Aramburu moved the adoption of Resolution No. 1481, In the Matter of Amending Rules 9, 10, 22, 25 and 28 of Regulation 8 Relating to the Inclusion of Chemical Plants; seconded by Mr. Bort; carried on roll call.

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, RUDEE, SILVER, WILSON.

NOES: NONE.

ABSENT: COOPER, NICOLOPULOS, OGAWA, SPEIER.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein advised that a letter had been received from the Fair Political Practices Commission with respect to its investigation of a possible conflict of interest on the part of the Board when voting for certain regulations, because of financial interest in a particular company. They advised they found no cause for conflict of interest, but its staff issued a policy with respect to the Board voting for a general plan, which he felt is unwarranted because the AQMP is a guideline; that since the Commission has never issued such a ruling, he has requested it to hold a public hearing on the matter so that the District can advise them of the difference between voting for a general plan and for a regulation. Mrs. Wilson suggested the Chairperson attend the public hearing. Mr. Powell outlined the implications of the policy.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Chairperson Landis furnished the Standing Committees' assignments for 1983-84. He stated that because the current Ad Hoc Committees



have not met in the last six months, they would be disbanded. Mr. Bort moved confirmation of the Chairperson's report, seconded by Mr. Corcoran; carried.

#### BOARD MEMBERS' COMMENTS

Mrs. Rudee referred to the discussion on the report of the Nominating Committee at the meeting on July 6, 1983 wherein it was indicated that there was a past policy from the 1982-83 Nominating Committee, which members of this year's Nominating Committee had not been advised; that if there were a Board policy with respect to alternating the Officers among Supervisors and City Councilpersons it should be made known, but if it is not Board policy, she did not feel that any Nominating Committee could make a commitment for a future Nominating Committee and that the Counsel should prepare a brief statement with respect thereto for addition to the Administrative Code.

After discussion, Mrs. Rudee moved that it be Board policy that no Nominating Committee is committed by previous actions of the past Nominating Committee regarding its recommendations to the Board of Directors for Officers; seconded by Mr. Diridon; carried.

It was agreed that the Administrative Code would be amended on August 3, 1983, with appropriate language to be prepared by Counsel.

Mr. Landis addressed the issue of a policy on rotation between Supervisors and City Councilpersons for Officers.

After discussion, Mr. Bort moved that the Board declare that there is no policy on a strict rotation between Supervisors and City Councilpersons for Officers but that a Nominating Committee could consider that issue so that there isn't a monopoly by Supervisors; seconded by Mr. Cunningham.

In discussion, Mr. Cunningham stated he was on the Nominating Committee last year and that he did not commit to an individual or premise that the selection of Officers was going to be on a rotation basis.

The motion carried on roll call.

AYES:	BORT, BRITT, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, McPEAK, MOSKOWITE, RUDEE, SILVER.
NOES:	ARAMBURU, HUGHAN, LANDIS, WILSON.
ABSENT:	COOPER, NICOLOPULOS, OGAWA, SPEIER.



Chairperson Landis requested Mr. Powell prepare appropriate language for incorporation into the Administrative Code.

Chairperson Landis requested Ms. Harder to furnish each Director a copy of the Administrative Code with respect to all Committees.

- - -

Chairperson Landis stated that the Board would not meet on August 17, 1983.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated July 6, 1983.

Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, August 3, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 10:31 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
August 3, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Fred F. Cooper, Thomas J. Corcoran,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis, Sunne  
Wright McPeak, Harold I. Moskowitz,  
Gus J. Nicolopoulos, Frank H. Ogawa,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

BOARD MEMBERS ABSENT:

Harry G. Britt, Helen B. Rudee.

ADVISORY COUNCIL MEMBERS  
PRESENT:

Norman A. Grib, Jack C. Oppenheimer

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Daniel Goalwin, Peter Hess, Dario  
Levaggi, Robert Matson, Edward W.  
McHugh, Tom Perardi, John F. Powell,  
Mabel Harder.

- - -



Chairperson Landis called the meeting to order at 9:30 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF JULY 20, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Steven M. Salomon  
Executive Director  
City of Hercules

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report  
Period June 21, 1983 - July 20, 1983;

Director of Permit Services Division Monthly Activity  
Report - June 20, 1983 - July 19, 1983;

Acting Director of Planning Division Activity Report -  
June 22, 1983 - July 19, 1983;

Director of Technical Services Monthly Activity Report -  
June 16, 1983 - July 15, 1983;

Director of Public Information Monthly Activity Report -  
June 22, 1983 - July 26, 1983;

Status of Legal Matters - June 29, 1983 - July 25, 1983.

REFUND

The APCO's report entitled, Refund, dated July 28, 1983, was presented.

APPROVAL OF CAPITAL EXPENDITURE  
AND TRANSFER OF FUNDS

The APCO's report entitled, Approval for Capital Expenditure and Transfer of Funds, dated July 28, 1983, was presented.

Adopted Resolution No. 1482, In the Matter of Approving a Capital Expenditure and Transfer of Funds.

AUTHORIZATION FOR CHAIRPERSON TO SIGN CONTRACT  
IN EXCESS OF \$15,000

The APCO's report entitled, Authorization for Chairperson to Sign Contract in Excess of \$15,000, dated July 28, 1983, was presented.

Adopted Resolution No. 1483, In the Matter of Authorizing the Chairperson of the Board of Directors to Sign a Contract (Xerox) in Excess of \$15,000.

CORRECTION TO MINUTES OF JULY 6, 1983

Ms. Harder's memorandum entitled, Board of Director's Minutes - July 6, 1983, dated July 22, 1983, was presented.

POSTPONEMENT OF PUBLIC HEARING TO CONSIDER  
CONTROL OF EMISSIONS FROM WOOD FURNITURE COATING  
OPERATIONS, REGULATION 8, RULE 32, TO SEPTEMBER 21, 1983

The APCO's report entitled, Postponement of Public Hearing Concerning Wood Furniture Coating Operations, dated July 28, 1983, was presented.

Mr. Aramburu moved the adoption of the above Consent Calendar items; seconded by Mr. Bort.

Mr. Aramburu expressed concern over the number of Violation Notices issued to drycleaning operations, as contained in the Director of Enforcement Division report, and inquired into the emissions banked by Ford Motor Company, as contained in the Director of Permit Services Division report, to which Mr. Hess responded.

Mrs. Wilson arrived at 9:32 A.M.

The motion carried on roll call:

AYES:           ARAMBURU, BORT, CORCORAN, CUNNINGHAM, DIRIDON,  
                 DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS,  
                 OGAWA, SPEIER, WILSON.

NOES:           NONE.

ABSENT:        BRITT, COOPER, McPEAK, RUDEE, SILVER.

Ms. Silver arrived at 9:34 A.M.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 5 REGARDING AGRICULTURAL BURNING

Mr. Feldstein reviewed the adoption of regulations on agricultural burning and how "burn days" and "non-burn days" are determined.

Mrs. McPeak arrived at 9:37 A.M.

Mr. Feldstein reviewed the provisions contained in Regulation 5, and his report entitled, Public Hearing to Consider Amendments to Regulation 5, Section 401.13 (Wildlife Management), dated July 28, 1983.

Chairperson Landis opened the Public Hearing at 9:44 A.M.

Mr. Powell presented the Clerk with nine Affidavits of Publication of Notice of Public Hearings.

The following made a presentation:

Mike Lewis  
Suisun Resource Conservation District

supported the proposed amendments. In discussion, he described the burns and when they occur.

Mr. Doetsch moved the Public Hearing be closed at 9:48 A.M.; seconded by Mr. Ogawa; carried.

Mr. Doetsch moved the adoption of Resolution No. 1484, In the Matter of Amending Section 401.13 of Regulation 5 Relating to Open Burning; seconded by Mrs. Wilson; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, SILVER, SPEIER,  
WILSON.

NOES: NONE.

ABSENT: BRITT, RUDEE.

CONSIDERATION OF AMENDMENT TO  
DISTRICT ADMINISTRATIVE CODE

Chairperson Landis advised that Director Rudee could not be present today and requested that this Agenda Item be put over until September 21, 1983. Mr. Corcoran so moved; seconded by Mr. Bort; carried.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein reported on his meeting with the FPPC with respect to the Staff policy that when the AQMP is being acted upon, the Board needs to be made aware of any conflict of interest because of stock holdings in industries which might be regulated because of the Plan;



that the Staff is to submit further examples of how the AQMP process works, and is endeavoring to have the Commission hold a Public Hearing on the matter.

Mr. Powell outlined further details of the meeting with the FPPC, pointing out that the AQMP is a Statement of Intention. In discussion, Mr. Cooper pointed out that other Districts including the Water Quality Districts would be affected by this policy also and suggested that legislation might be necessary to exempt various Boards when a Plan is voted on, but be subject to the conflict of interest when a specific regulation is voted on.

After further discussion, Mr. Aramburu moved that Chairperson Landis be authorized to send a letter to the FPPC regarding this issue and requesting on behalf of other organizations a definitive answer; seconded by Mr. Bort; carried.

#### CHAIRPERSON'S REPORT

There was none.

#### BOARD MEMBERS' COMMENTS

There were none.

#### OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated July 20, 1983.

Pending Board Referrals to Advisory Council, dated February 2, 1983.

#### TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, September 7, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 10:05 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT

939 Ellis Street  
San Francisco, California 94109



Jack Teister  
University of California  
104 Coates Hall, Governmental Studies  
Berkeley, CA 94720

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9/15/83  
Sept. 7/1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

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SEP 27 1983

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
September 7, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:	Albert Aramburu, Joseph P. Bort, Harry G. Britt, Fred F. Cooper, Thomas J. Corcoran, John F. Cunningham, Rod Diridon, Ralph P. Doetsch, Sr., Roberta H. Hughan, L. N. "Judge" Landis, Sunne Wright McPeak, Harold I. Moskowitz, Gus J. Nicolopoulos, Frank H. Ogawa, K. Jacqueline Speier, Susanne Wilson.
BOARD MEMBERS ABSENT:	Helen B. Rudee, Carol Ruth Silver.
ADVISORY COUNCIL MEMBERS PRESENT:	James M. Bodie, M.D., Jack C. Oppenheimer.
STAFF MEMBERS PRESENT:	Milton Feldstein, Thomas F. Bell, Hulan F. Brinkley, Daniel Goldwin, Peter Hess, Dario Levaggi, Edward W. McHugh, John Phillips, John F. Powell Lewis H. Robinson, Mabel Harder.

- - -



Chairperson Landis called the meeting to order at 9:35 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF AUGUST 3, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Peter B. Giles, Chairman  
Industrial Environmental Coordinating Committee

Michael Mitchell  
Auditor-Controller  
County of Marin

W.J. Bergman, Jr., Controller  
County of San Mateo

Shirley J. Campbell, Chairperson  
Advisory Council

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report - Report  
Period July 21, 1983, through August 20, 1983;

Director of Permit Services Division Monthly Activity  
Report - July 20, 1983, to August 19, 1983;

Director of Planning Division Activity Report -  
July 20, 1983, through August 23, 1983.

Director of Technical Services Monthly Activity Report -  
July 16, 1983, through August 15, 1983;

Director of Public Information Monthly Activity Report -  
July 26, 1983, through August 26, 1983;

Status of Legal Matters: July 25, 1983 - August 29, 1983.

## REFUNDS

The APCO's Report entitled, Refunds, dated September 1, 1983 was presented.

### CONTRACTS AND PURCHASE ORDERS IN EXCESS OF \$15,000

#### Authorization for Chairperson to Sign Contract with ERG-Ultrachem for VOC Analytical Work.

The APCO's Report entitled, Authorization for Chairperson to Sign Contract with ERG-Ultrachem, dated September 1, 1983, was presented.

Mr. Feldstein advised that the date for receiving the final report had been changed in the contract from November 18, 1983, to January 1, 1983. Adopted Resolution No. 1485, In the Matter of Authorizing the Chairman to Sign a Contract in Excess of \$15,000; ERG-Ultrachem.

#### Authorization for Chairperson to Sign Contract and Purchase Orders for Telemetry Systems.

The APCO's Report entitled, Authorization for Chairperson to Sign Telemetry Contract and Purchase Orders, dated September 1, 1983, was presented.

Adopted Resolution No. 1486, In the Matter of Authorizing the Chairman to Sign a Contract and Purchase Orders for a Telemetry System.

### SET PUBLIC HEARING FOR OCTOBER 19, 1983, TO CONSIDER AMENDMENTS TO REGULATION 2, RULE 1, CONCERNING PERMITS AND REGULATION 1, CONCERNING GENERAL PROVISIONS.

The APCO's Report entitled, Setting of Public Hearing - Conflict of Interest Notice, dated August 31, 1983, was presented.

Mr. Feldstein pointed out that the Public Hearing was set for October 19, 1983.

### REPORT ON CONTRACT WITH TRC ENVIRONMENTAL CONSULTANTS

The APCO's Report entitled, Report on Contract with TRC Environmental Consultants, dated September 1, 1983, was presented.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call.

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, McPEAK, NICOLOPULOS, OGAWA,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, MOSKOWITE, RUDEE, SILVER.

PUBLIC HEARING TO CONSIDER CONTROL OF EMISSIONS  
FROM PLASTIC COATING OPERATIONS - REGULATION 8, RULE 31

The APCO's Report entitled, Public Hearing to Consider Control of Emissions from Plastic Coating Operations - Regulation 8, Rule 31, dated September 1, 1983, was presented.

Mr. Phillips reviewed the proposed regulation.

Mr. Moskowitz arrived at 9:39 A.M.

Mr. Phillips requested a change in 8-31-117, line 1, to read:

" The requirements of Sections 8-31-301 and 302---."

In discussion, Mr. Phillips reviewed the Workshops held on this regulation.

Chairperson Landis opened the Public Hearing at 9:50 A.M.

Nine Affidavits of Publication of Notice of Public Hearing are on file in the Clerk of the District office.

The following made a presentation:

Dr. Anthony Fisher  
General Motors Corporation

spoke in support of the regulation and change made thereto.

Mr. Doetsch moved the Public Hearing be closed at 9:52 A.M.; seconded by Mr. Corcoran; carried.

Mrs. Hughan moved the adoption of Resolution No. 1487, In the Matter of Adopting Regulation 8, Rule 31, relating to the Control of Emissions from Surface Coating of Plastic Parts and Products; seconded by Mr. Cunningham; carried on roll call;

AYES: ARAMBURU, COOPER, CORCORAN, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE,  
NICOLOPULOS, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, OGAWA, RUDEE, SILVER.

ABSTAINING: BORT.

The APCO's Report entitled, Setting of Public Hearings---Conflict of Interest Notice, dated May 25, 1983, was presented.



## COOPERATION WITH CITY AND COUNTY PLANNING DEPARTMENTS

Mr. Feldstein reviewed his report entitled, Cooperation with Local Planning and Building Departments, dated August 31, 1983.

Mr. Britt arrived at 9:55 A.M.

Mrs. Wilson moved approval of the proposal submitted by the Staff; seconded by Mr. Aramburu.

In discussion, Mr. Feldstein outlined the Staff's effort in this area two years ago. Mr. Cooper suggested that since the State Water Quality Control Board also has requirements that the requirements of both agencies be put in one package for the Planning Departments.

Mrs. Wilson also included in her motion the suggestion that the Chairperson write a letter to each Planning Department advising them of the forthcoming contact by the Staff.

The motion then carried.

## ASPHALT REGULATION RETROFIT REPORT

Mr. Hess reviewed the APCO's Report entitled, Asphalt Regulation Retrofit Report, dated September 1, 1983.

Frank Stead  
American Lung Association

stated he felt that consideration needed to be given to requiring existing plants to comply with regulations affecting new plants.

In response, Mr. Feldstein stated that if an existing plant makes a modification, it is subject to the new regulation; that eventually existing plants are regulated through a new regulation; that the District is meeting TSP standard and that a retrofit program would have no measurable impact on the air quality standard; that the District should concentrate on the ozone and hydrocarbon standards which it does not meet.

## REPORT OF AIR POLLUTION CONTROL OFFICER

Milton Feldstein

Progress Report on Monterey Bay  
Air Pollution Transport Study.

Mr. Feldstein reviewed the proposal made to the ARB for a study of transport materials from the Bay Area into the Monterey Bay Unified APCD; that ARB will contribute \$150,000 to the \$225,000 estimated cost; that the District has submitted a grant application to the EPA for the remaining \$75,000.

In discussion, Mr. Feldstein advised that the Monterey District is non-attainment for ozone; that the model will essentially cover ozone, NO<sub>x</sub> and hydrocarbons; that this study would take about 18 months.

In discussion, Mr. Cooper stated that unless it could be determined that the Monterey District will not meet the 1987 standards, he felt the study was a waste of funds. Mr. Diridon stated he felt it was necessary to have a scientific evaluation of what precursors do downwind.

Mr. Feldstein advised that there was a Coordinating Management Team consisting of the District, Monterey, and the Lawrence Livermore Laboratory, and that Monterey was developing an emissions inventory necessary for the model.

Mr. Corcoran moved that the Board approve the Staff proceeding with this study; seconded by Mr. Doetsch; carried.

Report on APCA West Coast Section Biennial  
Technical Meeting.

Mr. Feldstein called attention to the program for the above meeting in Scottsdale, Arizona, October 26-28, 1983.

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Mr. Feldstein called attention to the program on the EPA Air Toxics Conference - September 13-14, 1983 in San Francisco.

Mr. Diridon moved that approval be given to any Director to attend these Conferences; seconded by Mr. Ogawa; carried.

CHAIRPERSON'S REPORT  
L.N. "Judge" Landis

Mr. Landis called attention to the Clerk of the District's memorandum entitled, Hearing Board Members Term Expiration - March 1984, dated September 7, 1983, referring the matter to the Personnel Committee.

BOARD MEMBERS' COMMENTS

Mr. Ogawa congratulated Mr. Feldstein for receiving the S. Smith Griswold Award at the APCA meeting in Atlanta, Georgia, in June 1983.

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Mrs. McPeak expressed concern about the emissions from Treasure Island and was advised that these were from the Naval Fire Fighting School, which is exempt from the District regulations.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated August 3, 1983.

Pending Board Referrals to Advisory Council, dated September 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, September 21, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 10:27 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:aa



**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

639 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**

A1581  
Sept. 21, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
771-6000

BOARD OF DIRECTORS REGULAR MEETING

Wednesday,  
September 21, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Thomas J. Corcoran,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I.  
Moskowite, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

BOARD MEMBERS ABSENT: Fred F. Cooper.

ADVISORY COUNCIL MEMBERS  
PRESENT: Shirley J. Campbell, Chairperson;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT: Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goldwin,  
Peter Hess, Terry Lee, Dario  
Levaggi, Edward W. McHugh, John F.  
Powell, Mabel Harder.

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Chairperson Landis called the meeting to order at 9:45 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF SEPTEMBER 7, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Fred V. Hall  
San Francisco

Fred V. Hall  
San Francisco

Ruth H. Koehler

Kenneth A. Manaster

Fred V. Hall  
San Francisco

SELECTION OF DISTRICT INSURANCE BROKER

The APCO's Report entitled, Selection of District Insurance Broker, dated September 15, 1983.

Adopted Resolution No. 1488, In the Matter of Accepting a Bid for Insurance Coverage.

REFERRALS

The APCO's Report entitled, Referrals, dated September 15, 1983, was presented.

REFUNDS

The APCO's Report entitled, Refunds, dated September 15, 1983, was presented.

TRANSFER OF FUNDS

The APCO's Report entitled, Transfer of Funds, dated September 15, 1983, was presented.



### SET PUBLIC HEARINGS:

For November 16, 1983, to Consider Amendments to Regulation 8, Rule 6 Regarding Terminals and Bulk Plants; Amendments to Regulation 8, Rule 7 Regarding Gasoline Dispensing Facilities and Gasoline Delivery Vehicles; Adoption of Regulation 8, Rule 33 Concerning Gasoline Distribution; and Amendments to Manual of Procedures, Volume IV Regarding Gasoline Source Testing Procedures

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For November 16, 1983, to Consider an Amendment to Regulation 2, Rule 2 Regarding Definition of Stationary Source

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The APCO's Report entitled, Correction to Agenda for September 21, 1983 Board meeting, dated September 21, 1983, was presented. Chairperson Landis called attention to the correction stated therein that the Public Hearing set for November 16, 1983 should read as follows:

Set Public Hearing for November 16, 1983 to amend Vol. II of the Manual of Procedures, to make the definition of stationary source (Section 9.6) the same as the definition of stationary source in Regulation 2, Rule 2.

The APCO's Report entitled, Setting of Public Hearings, dated September 15, 1983, was presented.

### APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's Report entitled, Approval for Out-Of-State Travel, dated September 15, 1983, was presented.

Mrs. McPeak arrived at 9:46 A.M.

Mr. Diridon moved the above Consent Calendar items; seconded by Mr. Doetsch; carried on roll call.

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, WILSON.

NOES: NONE.

ABSENT: COOPER, RUDEE, SILVER, SPEIER.

### REPORT OF ADVISORY COUNCIL Shirley J. Campbell, Chairperson

Mrs. Campbell reviewed her report entitled, Report of Advisory Council, dated September 14, 1983.

Mrs. Rudee arrived at 9:47 A.M.

CHANGES TO DISTRICT ADMINISTRATIVE CODE  
REGARDING NOMINATING COMMITTEE

Mrs. Rudee reviewed the proposed amendments to the Administrative Code §6.7 Nominating Committee, as contained in the Resolution attached to the APCO's report entitled, Amendments to Administrative Code, dated September 15, 1983.

Ms. Speier arrived at 9:50 A.M.

Mrs. Rudee moved the adoption of Resolution No. 1489, In the Matter of Amending the Administrative Code; seconded by Mr. Diridon; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER,  
WILSON.

NOES: NONE.

ABSENT: COOPER, SILVER.

PUBLIC HEARING TO CONSIDER CONTROL  
OF EMISSIONS FROM WOOD FURNITURE COATING  
OPERATIONS - REGULATIONS 8, RULE 32

Mr. Hess reviewed the APCO's Report entitled, Public Hearing to Consider Adoption of Regulation 8, Rule 32: Wood Furniture and Cabinet Coatings, dated September 15, 1983.

Ms. Silver arrived at 9:55 A.M.

In discussion, Mr. Hess advised that three Workshops were held; that those sources using less than 500 gallons of coatings per year are exempt from the Regulation and that 85% of the 1,400 users contacted were in this category; and he specifically reviewed Rule 32-209.

There was discussion on the proposed effective date of January 1, 1986, Mr. Feldstein advising that this was in accordance with the AQMP.

Chairperson Landis opened the Public Hearing at 10:10 A.M.

9 Affidavits of Publication of Notice of Public Hearings are on file in the Clerk's office. There were no presentations.

Mr. Ogawa moved the Public Hearing be closed at 10:11 A.M.; seconded by Mr. Corcoran; carried.

Mr. Bort moved the adoption of Resolution No. 1490, In the Matter of Adopting Regulation 8, Rule 32, Relating to the Control of Emissions from Wood Furniture and Cabinet Coatings; seconded by Mr. Ogawa.



Ms. Speier moved an admendment to the motion to change the compliance date to January 1, 1985, and adjusting all other dates contained in the Regulation by one year; seconded by Ms. Silver.

There was discussion on the effect an earlier compliance date would have on the industry, the cost involved for complying, after which Ms. Silver moved a continuance of the adoption of the Regulation for one month to give industry an opportunity to present any arguments on the proposed change. There was no second.

Mr. Feldstein stated he felt the proposed amendment would create several problems for industry and the Staff and that requiring an earlier compliance date would not have a significant impact on air quality.

Ms. Speier's motion failed on roll call:

AYES: ARAMBURU, BRITT, DIRIDON, DOETSCH, HUGHAN,  
SILVER, SPEIER, WILSON

NOES: BORT, CORCORAN, CUNNINGHAM, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE.

ABSENT: COOPER.

Mr. Aramburu suggested that the Staff make an effort to have an industry representative present at all Public Hearings.

Mr. Bort's motion then carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: COOPER.

Mrs. Rudee stated she felt the Staff at its workshops should advise the affected industry that the Board has the prerogative to change the Staff recomendation and thus should have a representative present at all Public Hearings.

#### PRESENTATION ON STATUS OF I&M PROGRAM

Messrs. John Wallauch and Tom Sullivan, Bureau of Automotive Repair, were present. Mr. Wallauch reviewed the Proposed Schedule to Implement I/M in California attached to the APCO's report entitled, Status Report on Inspection and Maintenance, dated September 14, 1983.



Mr. Wallauch advised that there were 5 manufacturers interested in producing test analyzers; that inspection should began March 20, 1984.

In discussion, Mr. Wallauch outlined the Public Awareness Program to be initiated, stating that a Committee had been formed with respect thereto and that about January 1, 1984 various methods of notifying the public will be commenced.

Chairperson Landis requested Mr. Feldstein to advise all Directors the address of Mr. Tom Sullivan when it is known, and to keep the Board informed on this program.

REPORT ON APPOINTMENT TO  
CALIFORNIA AIR RESOURCES BOARD FROM BAAQMD

Chairperson Landis called attention to the APCO's Report entitled, District Representation on Air Resources Board, dated September 15, 1983, and reviewed the Board procedure used in the selection of its first representative on the ARB. Chairperson Landis requested any Director interested in the appointment to advise Ms. Harder before September 28, 1983; that the names will be furnished to all Directors in the packet of materials for the October 5, 1983 meeting.

Mr. Diridon suggested that the Personnel Committee discuss the appointment and make recommendation to the Board. After discussion, it was agreed that the Board would consider the appointment on October 5, 1983.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Report on 1983 Ozone Experience

Mr. Feldstein reviewed the following charts:

BAAQMD High - Hour Ozone Excess Summary: Days  $> .12$  ppm through September 15, 1983 - Monitoring Station Site.

Monitoring Station Sites.

Table 2 - Ozone Excesses - 1983 by County (To September).

Table 3 - Past Annual Occurrences of Ozone Standard Excesses.

Table 4 - Comparison of Higher Ozone Levels (District Wide).

Mr. Feldstein pointed out that the District's programs have reduced the frequency and intensity; that general trends are down and the District will be able to attain its goals by 1987; he briefly reviewed meteorological changes which have occurred in the last two years.

In discussion of how the public is made aware of high ozone levels, Mr. Feldstein briefly reviewed the actions taken under the Emergency Episode Plan when the District predicts that .20 ppm level will be reached. Ms. Silver suggested the threshold level be lowered to .18 ppm, Mr. Feldstein responding that ARB adopted .20 ppm based on medical evidence; that it is at this level that persons with asthma and respiratory diseases are affected.

Ms. Silver moved that the Staff inform the Board as to the ramifications involved if the Emergency Episode Plan required .18 ppm; seconded by Mrs. Wilson; carried.

Mr. Aramburu called attention to the article on the District in the Pacific Sun, and requested that a copy be furnished to each Director.

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Mr. Feldstein requested any Director who wished to attend the APCA West Coast Section 12th Biennial Technical meeting in Scottsdale, Arizona October 26-28, 1983, should advise him.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

There was none.

BOARD MEMBERS' COMMENTS

Mr. Ogawa stated the Personnel Committee would meet on October 19, 1983, 9:00 A.M.

- - -

Mr. Doetsch complimented Ms. Lee for the presentation she made at the City of Gilroy.

OTHER

The following reports were presented:

Pending Board Referrals to Advisory Council, dated February 2, 1983.

TIME AND PLACE OF NEXT MEETING

Wednesday, October 5, 1983, 9:30 A.M., 939 Ellis Street, San Francisco, California.

The meeting adjourned at 11:02 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:al





**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
Berkeley, CA 94720

**FIRST CLASS**

41581  
Oct. 5, 1983

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
San Francisco, California 94109  
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OCT 25 1983

BOARD OF DIRECTORS REGULAR MEETING

UNIVERSITY OF CALIFORNIA

Wednesday,  
October 5, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Thomas J. Corcoran,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I.  
Moskowite, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
K. Jacqueline Speier, Susanne  
Wilson.

BOARD MEMBERS ABSENT:

Fred F. Cooper, Carol Ruth Silver.

ADVISORY COUNCIL MEMBERS  
PRESENT:

John W. Daily, Vice Chairperson;  
John S. Lagarias, Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Peter Hess,  
Dario Levaggi, Edward W. McHugh,  
Thomas E. Perardi, John E. Phillips,  
John F. Powell, Lewis H. Robinson,  
Mabel Harder.

- - -



Chairperson Landis called the meeting to order at 9:32 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF SEPTEMBER 21, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Fred V. Hall  
San Francisco

Roger Boas  
Chief Administrative Officer  
City and County of San Francisco

Olney G. Smith  
Director of Planning and Inspection  
City of Santa Clara

W. J. Bergman, Jr.  
Controller  
County of San Mateo

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement-Report Period August 21, 1983 through September 20, 1983; Director of Permit Services Division Monthly Activity Report-August 20, 1983 to September 29, 1983; Director of Planning Division Planning Division Activity, August 24 through September 20, 1983; Director of Technical Services Monthly Activity Report August 16 through September 15, 1983; Director of Public Information Monthly Activity Report - August 26, 1983-September 29, 1983; Status of Legal Matters: August 29-September 27, 1983; Director of Administrative Services Appropriation Statement and Cash Position June 30, 1983.

REFUNDS

The APCO's report entitled, Refunds, dated September 28, 1983, was presented.

APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's report entitled, Approval for Out-of-State Travel, dated September 28, 1983, was presented.

## CORRECTION TO MINUTES OF SEPTEMBER 7, 1983

The Clerk of the District memorandum entitled, Board of Directors Regular Meeting Minutes September 7, 1983, dated September 26, 1983, was presented. Page 3, paragraph 6, line 3, "1983" to read "1984".

## AUTHORIZATION FOR PURCHASE OF CAPITAL EQUIPMENT

The APCO's report entitled, Authorization for Purchase of Capital Equipment, dated September 28, 1983, was presented.

Adopted Resolution No. 1491, In the Matter of Authorizing the Purchase of Capital Equipment.

## SET PUBLIC HEARINGS

For December 7, 1983, to Consider Amendments to Regulation 8, Rule 29, Section 305, Aerospace Assembly Coating Operations, Regarding Stripper Limitations

For December 7, 1983, to Consider Amendments to Regulation 10, Rule 9, Regarding New Plant Performance Standards for Storage Vessels Containing Petroleum Liquids

For December 7, 1983, to Consider Amendments to Regulation 9, Rule 4, Regarding Nitrogen Oxide Emissions from Fan Type Central Furnaces

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The APCO's report entitled, Setting of Public Hearings, dated September 29, 1983, was presented.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: BORT, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: ARAMBURU, BRITT, COOPER, McPEAK, SILVER.

## REPORT ON CARBON MONOXIDE BACKGROUND LEVELS

Mr. Robinson reviewed the APCO's Report entitled, Urban Background Carbon Monoxide Levels in the Bay Area, dated September 28, 1983, showing slides in connection therewith as follows:

1982 Trends, Preliminary Results for CO and ROG's, stating most such emissions come from automobile exhaust.

Mr. Britt arrived at 9:39 A.M.



He reviewed a diagram of CO emissions with respect to local contributions relating to streets.

Mr. Perardi reviewed why CO builds up and the implications for control strategies to attain the standard, stating there are 3MM cars in the District; that about 75MM miles are driven per day; and outlined the emissions therefrom. He showed a slide of city streets and CO values based on information from the unconventional model, stating that the results indicate that to solve the problem local traffic patterns need to be modified, and it gave an indication as to where monitors should be located. He reviewed slides entitled: Estimating Background from Multiple Monitors at One Intersection, and Estimating Background from One Continuous Monitor.

Mr. Aramburu arrived at 9:56 A.M.

Mr. Perardi reviewed a slide entitled, Summary of Results. He stated that the implications for CO attainment is that the problem has shifted to a more regional solution and that measures need to be adopted that give areawide emission reductions, such as the current control program for automobiles, Inspection and Maintenance program, improved traffic control patterns on an areawide basis.

In discussion, Mr. Diridon suggested encouraging mass transportation areawide and strengthening the I&M program. In response to Mr. Nicolopoulos' concern about emissions from aircraft, Mr. Feldstein advised that the District did a series of studies on such emissions which indicated they did not impact at ground level. There was further discussion on encouraging use of mass transit, the role MTC plays in this area, the lack of use of HOB lanes, and the need to consider air quality when land-use decisions are made.

After further discussion, Chairperson Landis suggested that the Board establish a Committee to work with MTC.

#### DISCUSSION OF DISTRICT REPRESENTATION ON CALIFORNIA AIR RESOURCES BOARD

Mr. Aramburu stated that after discussion with Chairperson Landis, it was recommended that Mr. Landis serve on the ARB for the period January 1, 1984 to June 30, 1984 and that Mr. Aramburu serve for the balance of the 2 year term.

Mr. Corcoran moved approval of the proposal; seconded by Mr. Diridon; carried

The Clerk of the District report entitled, Service on the ARB from the District Board of Directors, dated September 28, 1983, was presented.



- - -

Chairperson Landis suggested that the District meet with the Bay Area Legislators in 1984. Ms. Speier suggested that the meeting be so structured as to encourage dialogue between the Board and legislators. In further discussion, it was suggested the meeting start at 10:00 A.M. and that a formal agenda be developed.

## REPORT OF AIR POLLUTION CONTROL OFFICER

Milton Feldstein

### Legislative Summary

Mr. Feldstein briefly reviewed his report entitled, Legislative Summary, dated September 28, 1983, specifically SB-33 (Foran), SB-664 (Nielson), SB-767 (Montoya), and AB-1807 (Tanner), presenting a outline of the bill entitled, AB-1807 (Tanner) as Amended September 9, 1983 (As Enrolled), dated October 3, 1983.

### Progress Report on Fireplace Burning

Mr. Feldstein advised that the Staff has been surveying the extent to which there is fireplace burning in the District and how much wood is being burned; that emissions therefrom are similar to those from automobile exhaust; that EPA has allocated funds to do a study this winter in the San Jose area to determine the ratio of Carbon 14 and Carbon 12 in CO to determine the ratio of CO from fuels; that the Board will be advised the results of the study. He advised that 1,300 T of coal was sold in the District in 1981-82, most of which was low sulfur coal.

### CHAIRPERSON'S REPORT

L. N. "Judge" Landis

Chairperson Landis introduced Advisory Council members Daily and Lagarias.

### BOARD MEMBERS' COMMENTS

Mr. Diridon moved that the District reaffirm its prior position on Inspection and Maintenance; that there be a one year bill entered relaxing the \$50.00 limit on repairs; that the District representative on the ARB be instructed to pursue this objective through the ARB during his term; seconded by Mr. Bort; carried.

Mr. Feldstein advised that the Public Awareness Task Force on Inspection and Maintenance will meet on October 19, 1983 at 2:00 P.M. in the Board room; that all Directors are invited to be present. Chairperson Landis requested written material be sent to Directors advising of the meeting.

- - -  
Mr. Ogawa advised that the Personnel Committee will meet on  
October 19, 1983 at 8:30 A.M.

- - -  
Mr. Aramburu advised that the Golden Gate Bridge & Highway  
District will make a presentation of its methanol powered  
bus on October 12, 1983.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated  
September 21, 1983.

Pending Board Referrals to Advisory Council, dated  
February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, October 19, 1983, 939 Ellis Street, San  
Francisco, California.

The meeting adjourned at 11:02 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:al





BAY AREA  
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939 Ellis Street  
San Francisco, California 94109



Jack Leister  
University of California  
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UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
October 19, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:	Albert Aramburu, Joseph P. Bort, Harry G. Britt, Fred F. Cooper, Thomas J. Corcoran, John F. Cunningham, Rod Diridon, Ralph P. Doetsch, Sr., Roberta H. Hughan, L. N. "Judge" Landis, Sunne Wright McPeak, Harold I. Moskowite, Gus J. Nicolopoulos, Frank H. Ogawa, Helen B. Rudee, Carol Ruth Silver, K. Jacqueline Speier, Susanne Wilson.
BOARD MEMBERS ABSENT:	None.
HEARING BOARD MEMBER PRESENT:	Kenneth A. Manaster, Chairperson.
ADVISORY COUNCIL MEMBERS PRESENT:	Michael R. Barr, Jack C. Oppenheimer.
STAFF MEMBERS PRESENT:	Milton Feldstein, Thomas F. Bell, Paul Brand, Hulan F. Brinkley, Daniel Goalwin, Peter Hess, Dario Levaggi, Edward W. McHugh, John F. Powell, Lewis H. Robinson, Mabel Harder

- - -

Chairperson Landis called the meeting to order at 9:43 A.M.

PUBLIC PRESENTATION

There was none.

Mr. Aramburu arrived at 9:44 A.M.

APPROVAL OF MINUTES OF OCTOBER 5, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were received:

Donald C. Wimberly  
City Engineer/Administrator  
City of Monte Sereno

E. Jack Schoop, Director  
Department of Planning and Development  
County of Santa Clara

Robert S. Shook  
Director of Community Development  
City of Saratoga

Barbara A. Milman, Chief  
Legal Division  
Fair Political Practices Commission

TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated October 12, 1983, was presented.

APPROVAL OF 1983-84 BUDGET AMENDMENT

The APCO's report entitled, Amendment to 1983-84 Budget, dated October 12, 1983, was presented.

Adopted Resolution No. 1492, In the Matter of Amending the District Budget for Fiscal Year 1983-84.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS,  
McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE,  
SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: NONE.



QUARTERLY REPORT OF HEARING BOARD  
Kenneth A. Manaster, Chairperson

Mr. Manaster reported that the Hearing Board Rules had been revised; and on the number of cases heard since June, 1983, specifically reviewing the Southern Pacific Pipelines and Pacific Steel Casting Company cases; that the Hearing Board has also received petitions for interpretation of the New Source Review Rules.

REPORT OF PERSONNEL COMMITTEE  
Frank H. Ogawa, Chairperson

Mr. Ogawa reported the Committee met prior to the Board meeting and discussed the Staff's proposed amendment to the PERS contract regarding health benefits; that the Committee adopted the proposed amendment in concept pending further information from the Staff.

Mr. Ogawa stated the Committee also discussed a proposed amendment to the District's Group Life Insurance program, and moved the adoption of Resolution No. 1493, In the Matter of Modifying the District's Group Life Insurance Program; seconded by Mr. Cooper.

In discussion, Mr. Powell corrected the date on page 2, line 21, to read November 30, 1983.

The motion then carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DOETSCH, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: DIRIDON.

Mr. Ogawa advised the Committee also recommends that the following Advisory Council members be reappointed for a 2 year term expiring December 31, 1985:

Councilpersons Dabberdt, Daily, Hayes, Horn, Ishimaru,  
Kent, Lagarias, Smick, Smith, Tan

and he so moved; seconded by Mr. Cooper; carried.

Mr. Ogawa stated that the Committee recommends that Mr. Robert E. Nisbet be appointed to the Advisory Council in the Public Mass Transportation category to fill the unexpired term ending January 1, 1985 of Mr. C. C. Wu who resigned, and he so moved; seconded by Mr. Cooper; carried.

Mr. Ogawa stated the Committee also discussed the appointment to the Hearing Board of 2 members in the Public Member category, the terms of which will expire in March, 1984, and decided to interview the incumbents on November 2, 1983.

There was discussion on the criteria to be used when making appointments to the Advisory Council and Hearing Board; that consideration should be given to competency in the position, geographic location, and whether the number of terms should be limited; that consideration should be given to developing a policy on vacancies.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 2, RULE 1 CONCERNING PERMITS AND  
REGULATION 1 CONCERNING GENERAL PROVISIONS

Mr. Feldstein reviewed his report entitled, Public Hearing to Consider Amendments to Regulation 1, General Provisions and Regulation 2, Rule 1, Permits, dated October 13, 1983, stating there were 3 general areas to be amended:

Exemptions from Permits  
RACT definition  
Definitions of VOC, reduced sulfur compounds and  
start-up period.

There was discussion on the Banking regulation and how it is working.

Mr. Feldstein reviewed the proposed amendments to the definition of RACT, and there was discussion on the guidelines on cost-effectiveness and definition of categories.

Chairperson Landis opened the Public Testimony at 10:37 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearings.

The following made a presentation:

Frank Stead  
American Lung Association

stated there should be an awareness of the hazardousness of the compounds being considered under the amendment, and that the Board should be prepared to regulate any production of that particular compound.

Frank Strehlitz  
Pacific Gas and Electric Company

inquired as to categorization by size of boilers.

Mr. Hess reviewed the proposed amendments with respect to the Definition of VOC, reduced sulfur compounds and start-up period.

Mr. Cooper suggested adding RACT to Regulation 2-1-308, and he so moved; seconded by Mr. Corcoran; carried.



There were no public comments on these proposed amendments.

Mr. Goalwin reviewed the proposed amendments to the Exempted sources, showing slides in connection therewith entitled: Exempted Insignificant Sources, Special Considerations for Some Sources, Organization of Exemptions, Main Addition to Exemption List.

There was discussion on notification to the sources affected by the changes.

There were no public comments on these proposed amendments.

Mr. Diridon moved the Public Hearing be closed at 11:00 A.M.; seconded by Mr. Doetsch; carried.

Mr. Aramburu moved the adoption of Resolution No. 1494, In the Matter of Amending Section 208 of Rule 1 of Regulation 2 Relating to the Definition of Reasonably Available Control Technology; seconded by Ms. Silver; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: NONE.

Mrs. Rudee moved the adoption of Resolution No. 1495, In the Matter of Amending Rule 1 of Regulation 2 Relating to Permits; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: NONE.

Mr. Bort moved the adoption of Resolution No. 1496, In the Matter of Amending Rule 1 of Regulation 2 Relating to Exemptions From Permit Requirements; seconded by Mr. Aramburu, carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: NONE.



NOTICE OF INSPECTION AND MAINTENANCE  
PUBLIC AWARENESS TASK FORCE MEETING

Mr. Feldstein called attention to his report entitled, Bay Area Public Awareness Task Force on Auto Inspection and Maintenance Program, dated October 13, 1983, pointing out the Task Force would meet on October 19 at 2:00 P.M. in the Board Room.

Chairperson Landis stated there would be a meeting on I&M in Sacramento on October 21, 1983-10:00 A.M., and any Director was welcome to attend.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein advised that the Staff report on CO levels had been highly publicized.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Chairperson Landis advised he met with Mr. Gordon Duffy, State Secretary of Environmental Affairs with respect to the District representative on the ARB and that after this discussion, he recommended that the Board recommend Mr. Albert Aramburu to serve for the 2 year term. Mr. Bort so moved; seconded by Mr. Ogawa; carried.

Chairperson Landis advised that there was discussion on seeking legislation for permanent representation on the ARB. Mr. Cooper suggested that Mr. Duffy be requested to furnish the pros and cons of such legislation and Chairperson Landis requested Mr. Aramburu to pursue this with Mr. Duffy.

Chairperson Landis requested any Director who would like to serve on the Ad Hoc Committee on Legislation advise Ms. Harder so he could appoint such a Committee. He requested that the appointment of this Committee be agendized.

BOARD MEMBERS' COMMENTS

Mrs. Rudee pointed out that CSAC will be meeting on November 16. After discussion, Mrs. Wilson moved that the regular meeting of the Board be changed from November 16, 1983 to November 23, 1983; seconded by Mr. Cooper.

After discussion, Mrs. Wilson amended her motion that the meeting of November 16 be changed to November 30, 1983, and the motion carried.

Chairperson Landis stated that the hearings set for November 16, 1983 would be changed to November 30, 1983.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated  
October 5, 1983.

Pending Board Referrals to Advisory Council, dated  
February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, November 2, 1983, 939 Ellis Street, San  
Francisco, California.

The meeting adjourned at 11:23 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:al

**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

930 Ellis Street  
San Francisco, California 94109



Jack Leister  
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BOARD OF DIRECTORS REGULAR MEETING

UNIVERSITY OF CALIFORNIA

Wednesday  
November 2, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Fred F. Cooper, Thomas J.  
Corcoran, John F. Cunningham, Rod  
Diridon, Ralph P. Doetsch, Sr.,  
Robert H. Hughan, L. N. "Judge"  
Landis, Harold I. Moskowitz, Gus  
J. Nicolopoulos, Frank H. Ogawa,  
Helen B. Rudee, Carol Ruth Silver,  
K. Jacqueline Speier, Susanne  
Wilson.

BOARD MEMBERS ABSENT:

Harry G. Britt, Sunne Wright  
McPeak

ADVISORY COUNCIL MEMBERS  
PRESENT:

Kong Meng Tan, M.D.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Dario Levaggi, Edward  
W. McHugh, John F. Powell, Lewis  
H. Robinson, Mabel Harder.

- - -

Chairperson Landis called the meeting to order at 9:45 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF OCTOBER 19, 1983

Chairperson Landis requested a change on page 4, paragraph 8 to read: "Chairperson Landis opened the Public Testimony ---".

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Gerald E. Newfarmer  
City Manager  
City of San Jose

William J. Bergman, Controller  
County of San Mateo

Gordon Duffy  
Secretary of Environmental Affairs

Steven M. Salomon  
Executive Director  
Hercules Redevelopment Agency

Kenneth A. Manaster, Chairperson  
Hearing Board

Edward T. Marshall  
Assistant City Manager for Public Works  
City of Berkeley

John Justino, President  
Halcyon-Foothill Homeowners Association, Inc.  
San Leandro

Roger Boas  
Chief Administrative Officer  
City and County of San Francisco

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report-Report  
Period September 21, 1983 through October 20, 1983;  
Director of Permit Services Division Monthly Activity  
Report, September 21, 1983 to October 20, 1983;

Director of Planning Division Activity Report, September 21 through October 18, 1983; Director of Technical Services Monthly Activity Report September 16 through October 15, 1983; Director of Public Information Monthly Activity Report - September 29, 1983-October 25, 1983; Status of Legal Matters: September 28-October 24, 1983; Director of Administrative Services Appropriation Statement and Cash Position for July 31, 1983, August 31, 1983 and September 30, 1983.

#### TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated October 26, 1983, was presented.

#### REFERRALS

The APCO's report entitled, Referrals, dated October 26, 1983, was presented.

#### SET PUBLIC HEARINGS

For December 21, 1983, to Consider Control of Emissions From Graphic Art Operations, Regulation 10, Rule 31.

For December 21, 1983, to Consider Control of Emissions From Metal Coil Coating Operations, Regulation 10, Rule 32.

---

The APCO's report entitled, Setting of Public Hearings and Potential Conflict of Interest, dated October 26, 1983, was presented.

Mr. Ogawa moved the adoption of the above Consent Calendar; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DOETSCH, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, DIRIDON, HUGHAN, McPEAK, SILVER.

#### REPORT OF PERSONNEL COMMITTEE

Frank H. Ogawa, Chairperson

Mr. Ogawa stated the Committee met prior to the Board meeting at which it interviewed Mrs. Ruth H. Koehler and Mr. Kenneth A. Manaster for reappointment to the Hearing Board; that the Committee unanimously recommended that they be reappointed for a 3 year term.



Adopted Resolution No. 1497, In the Matter of Appointing Members of the Hearing Board, on motion of Mr. Ogawa; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DOETSCH, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, DIRIDON, HUGHAN , McPEAK.

Mr. Ogawa stated the Committee recommends that the Chairperson meet with 2 members of the Hearing Board to promote better communication between the Board and Hearing Board. Chairperson Landis so ordered.

Mr. Ogawa stated the Committee recommends the PERS Contract be amended to include the same Health Benefits to eligible survivors of a deceased active employee as is presently provided to eligible survivors of a deceased retired employee, and he moved the adoption of Resolution No. 1498, In the Matter of Electing to be Subject to Section 22821 of the Public Employees' Hospital and Medical Care Act; seconded by Mr. Doetsch; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM, DOETSCH, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, DIRIDON, HUGHAN , McPEAK.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
REGULATION 3 REGARDING COLLECTION OF FEES IN  
COMPLIANCE WITH THE KAPILOFF ACID DEPOSITION ACT

Chairperson Landis opened the Public Hearing at 9:50 A.M.

Mr. Feldstein reviewed his report entitled, Public Hearing: Regulation 3 -- Kapiloff Acid Deposition Fee Program, dated October 26, 1983.

Mr. John Swanson specifically reviewed the amendments to Regulation 3.

Mrs. Hughan arrived at 9:52 A.M.

Mr. Diridon arrived at 9:53 A.M.

There was discussion on the fees, and whether or not they will decline when there is a reduction in the emissions; that the

District does not have any discretion with respect to this legislation, except for calculating the emissions in the District; that the legislation should be amended to include those firms who have 1000T/Y combined pollutants; that the funds for the acid deposition research program will be gotten entirely through the fees.

Chairperson Landis opened the Public Testimony at 10:00 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

There were no presentations.

Mr. Doetsch moved the Public Hearing be closed at 10:01 A.M.; seconded by Mr. Aramburu; carried.

Ms. Speier moved the adoption of Resolution No. 1499, In the Matter of Amending Regulation 3 to Impose Fees Pursuant to the Requirements of the Kapiloff Acid Deposition Act; seconded by Mr. Corcoran; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DIRIDON, DOETSCH, HUGHAN, LANDIS, MOSKOWITE,  
NICOLOPULOS, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, McPEAK, OGAWA.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein reported on the APCA Biennial Technical meeting in Scottsdale, Arizona and specifically with respect to the visit to an Inspection and Maintenance Test Station.

Directors Speier, Landis, Aramburu and Bort reported on their attendance at this meeting.

There was dicussion on the I&M program conducted by Arizona, and that which is to be conducted in California.

Mrs. Rudee suggested that an attempt be made to interest the Directors of other Districts to attend APCA conferences, and Chairperson Landis requested the Staff to extend such an invitation.

Ms. Speier suggested that a program specifically for Directors of Districts be developed as part of APCA conferences. Chairperson Landis requested Messrs. Feldstein and Hess to develop such a Workshop for the 1984 conference.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Appointment of Ad Hoc Committee on Legislation

Chairperson Landis appointed the following members to the Committee:

Albert Aramburu, Chairperson  
Carol Ruth Silver  
K. Jacqueline Speier.

Mr. Diridon requested that the Committee discuss strengthening the I&M program.

BOARD MEMBERS' COMMENTS

On inquiry from Mr. Corcoran, there was discussion on any effect a redevelopment project would have on the District's budget, Mr. Feldstein responding that the amount due from each County is apportioned as required by Law establishing the District.

OTHER

The report entitled, Pending Board Referrals to Advisory Council, dated February 2, 1983, was presented.

Chairperson Landis letter to Governor Deukmejian and Mr. Gordon Duffy, Secretary of Environmental Affairs, ARB, with respect to the recommendation of Mr. Aramburu to the ARB, dated October 31, 1983, was presented.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, November 30, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 10:50 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:al





**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

939 Ellis Street  
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UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
November 16, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT: None.

BOARD MEMBERS ABSENT: Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F.  
Cunningham, Rod Diridon, Ralph  
P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I.  
Moskowitz, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

STAFF MEMBERS PRESENT: Mabel Harder.

- - -

Ms. Harder, Clerk of the District, called the meeting to order at 9:30 A.M. A quorum was not present. The meeting was adjourned to 9:30 A.M., Wednesday, November 30, 1983, 939 Ellis Street, San Francisco, California and the Public Hearings noticed for November 16, 1983, were continued to the adjourned regular meeting on November 30, 1983.

Respectfully submitted,

Mabel Harder  
Clerk of the District

MH:al





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BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 Ellis Street  
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BOARD OF DIRECTORS ADJOURNED REGULAR MEETING

Wednesday  
November 30, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
John F. Cunningham, Rod Diridon,  
Ralph P. Doetsch, Sr., Roberta H.  
Hughan, L. N. "Judge" Landis,  
Sunne Wright McPeak, Harold I.  
Moskowite, Gus J. Nicolopulos,  
Frank H. Ogawa, Helen B. Rudee,  
Carol Ruth Silver, K. Jacqueline  
Speier, Susanne Wilson.

BOARD MEMBER ABSENT:

Thomas J. Corcoran.

ADVISORY COUNCIL MEMBERS  
PRESENT:

Shirley J. Campbell, Chairperson;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Daniel Goalwin,  
Peter Hess, Gale Karels, Kenneth  
Kunaniec, Edward W. McHugh, John  
F. Powell, Lewis H. Robinson,  
Mabel Harder.

- - -

Chairperson Landis called the meeting to order at 9:55 A.M.

PUBLIC PRESENTATION

There was none.

Mr. Cunningham arrived at 9:56 A.M.

APPROVAL OF MINUTES OF NOVEMBER 2 AND 16, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communications were presented:

Steven A. Merksamer  
Executive Secretary and Chief of Staff  
Governor's Officer

Kenneth A. Manaster

Congressperson Barbara Boxer

Marvin R. Baxter  
Appointments Secretary to the Governor

Nicholas C. Arguimbau  
Staff Counsel  
Citizens for a Better Environment

Dianne McKenna  
Chair, Hazardous Waste Advisory Committee  
ABAG  
Mayor, City of Sunnyvale

Mark P. Paul  
Getty Synthetic Fuels, Inc.  
Signal Hill, California

Judith E. Ayres  
Regional Administrator  
EPA

Duane B. Bordvick  
Acting Environmental Manager  
Avon Refinery  
TOSCO

TRANSFER OF FUNDS

The APCO's report entitled, Transfer of Funds, dated November 23, 1983, was presented. Adopted Resolution No. 1500, In the Matter of Authorizing the Transfer of Funds Between Accounts.

REFUNDS

The APCO's report entitled, Refunds, dated November 23, 1983, was presented.



### APPROVAL FOR OUT-OF-STATE TRAVEL

The APCO's report entitled, Approval for Out-of-State Travel, dated November 23, 1983, was presented.

### SETTING OF PUBLIC HEARING

For January 18, 1984, to Adopt the New Source Performance Standard (NSPS) Rules Which Have Been Promulgated by EPA, Regulation 10, Rule 33, Surface Coating of Metal Furniture; and Regulation 10, Rule 34, Surface Coating of Large Appliances.

---

The APCO's report entitled, Setting of Public Hearings - Conflict of Interest Statement, dated November 23, 1983, was presented.

On motion of Mr. Doetsch; seconded by Mr. Aramburu; the above Consent Calendar items carried on roll call:

AYES: ARAMBURU, BORT, CUNNINGHAM, DOETSCH, HUGHAN,  
LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA,  
RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, COOPER, CORCORAN, DIRIDON.

### REPORT OF ADVISORY COUNCIL Shirley J. Campbell, Chairperson

Mrs. Campbell reviewed her report entitled, Advisory Council Report to Board, dated November 30, 1983, and requested that the Board endorse the report entitled, Review of Draft Report, "Toxic Management in California - An Identification of Issues", dated November 9, 1983, and forward to the Governor's Hazardous Substance Task Force.

There was discussion of the need to coordinate the efforts of all agencies dealing with hazardous substances, after which Mr. Aramburu moved that the Board forward this review to the Governor's Task Force for consideration; seconded by Mrs. Rudee; carried.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO REGULATION 8,  
RULE 6 CONCERNING TERMINALS AND BULK PLANTS; REGULATION 8,  
RULE 7 CONCERNING GASOLINE DISPENSING FACILITIES AND  
GASOLINE DELIVERY VEHICLES; AND ADOPTION OF REGULATION 8,  
RULE 33 CONCERNING GASOLINE DISTRIBUTION

---

Chairperson Landis opened the Public Hearing at 10:07 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Gale Karels reviewed the proposed changes to Regulation 8 as contained in the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 8: Rule 6, Terminals and Bulk Plants; Rule 7, Gasoline Dispensing Facilities and Delivery Vehicles and Adoption of Rule 33, Gasoline Distribution, dated November 23, 1983, stating that the proposed changes will result in 4-1/2T/D hydrocarbon reduction; will conform to State law; clarify language and ease enforcement.

After Mr. Karels' review of the proposed changes to Rules 6: Terminals and Bulk Plants, Chairperson Landis requested public testimony thereon. There was none.

Mr. Cooper arrived at 10:14 A.M.

Mr. Karels by means of a diagram reviewed the proposed changes to Rule 7: Gasoline Dispensing Facilities. There was discussion on the vapor loss from diesel facilities; the cost of the nozzles.

There was no public testimony on this Rule.

Mr. Karels reviewed the proposed changes to Rule 33: Bulk Gasoline Distribution Facilities and Gasoline Delivery, using a diagram.

Chairperson Landis called for public testimony and the following made a presentation:

Scott Gordon  
TOSCO Corporation

referred to their letter of November 29, 1983 supporting the Rule but requesting that the authority to construct compliance be changed to March 1, 1985, and the final compliance date be changed to January 1, 1986, because of their economic difficulties.

In response, Mr. Feldstein stated that the other 2 sources affected were in the process of converting their facilities and could meet the proposed Rule; that the Variance procedure could be utilized if additional time for compliance were needed.

There was further discussion on the economic reasons, Mr. Gordon advising that it would cost about \$1MM to convert to bottom loading.

There was discussion on the Workshops held on these proposed changes; the number of companies which will need to convert; the rationale used by the Staff in selecting the effective date; the percent of reduction of hydrocarbons attributable to TOSCO when compliance is achieved; whether or not the 1987 Federal air quality requirements would be jeopardized by delaying the compliance date; that the Hearing Board can take into



consideration financial hardship in making its findings; that the Board of Directors is not empowered to issue Variances; that the APCO could request the Hearing Board to give favorable consideration to granting a Variance if application is made to it.

G. S. Hagy  
Shell Oil Company

addressed the section prohibiting the purging of gasoline vapors from the gasoline delivery trucks into the atmosphere, requesting the time for compliance be changed to March 1, 1985 for the authority to construct, and January 6, 1986 for final compliance because he did not know what the best available technology was.

In discussion, Mr. Karels pointed out there was an existing Rule limiting emissions to 300ppm and 15#/D which Shell Oil Company needed to meet presently, or they were in violation.

Phil W. DeShaso  
Union Oil Company

referred to §301 - Distribution Facility Limitation, advising that other sources used their automated facilities, and inquiring as to whose responsibilities it was to enforce the Regulation inasmuch as they did not have personnel at the facility.

In response, Mr. Karels stated the intent of the Regulation was to require the owner of the facility to supervise its operations.

Directors Silver and Wilson left at 11:30 A.M.

There was further discussion on the source making sure the Regulation was complied with, a suggestion being made that a sign could be posted by the owner of the facility.

Director Speier left at 11:35 A.M.

Jay Calleri  
Reinhardt Oil Company

addressed §113-Tank Gauging and Inspection Exemption.

Mr. Aramburu moved the Public Hearing be closed at 11:45 A.M.; seconded by Mr. Ogawa; carried.

Mr. Aramburu moved the adoption of Resolution No. 1501, In the Matter of Amending Regulation 8 by Revising Rules 6 and 7 and Adding Rule 33; seconded by Mr. Diridon.

In discussion, Mrs. McPeak suggested that with respect to Rule 33, the compliance dates as suggested by TOSCO be adopted, rather than requiring them to go to the Hearing Board, after which Mr. Cooper moved an amendment to the motion to defer



implementation of Rule 33-402(a) from June 1, 1984 to March 1, 1985; and (b) June 1, 1985 to January 1, 1986 for final compliance; seconded by Mrs. McPeak; failed on roll call:

AYES: COOPER, CUNNINGHAM, DOETSCH, McPEAK, MOSKOWITE, OGAWA.

NOES: ARAMBURU, BORT, BRITT, DIRIDON, HUGHAN, LANDIS, NICOLOPULOS, RUDEE.

ABSENT: CORCORAN, SILVER, SPEIER, WILSON.

Mr. Aramburu's motion then carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE.

NOES: NONE.

ABSENT: CORCORAN, SILVER, SPEIER, WILSON.

Mr. Bort moved that the APCO be instructed to request the Hearing Board to take favorable action on a Variance if applied for and if the facts as demonstrated indicate that there would be a financial hardship to TOSCO; seconded by Mrs. McPeak.

There was discussion on the appropriateness of the motion.

Mr. Diridon left at 11:53 A.M.

The motion carried on voice vote, with Directors Cunningham, HUGHAN, Landis and Rudee voting no.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO  
MANUAL OF PROCEDURES, VOLUME II, CONCERNING  
DEFINITION OF STATIONARY SOURCE, AND VOLUME IV  
CONCERNING GASOLINE SOURCE TESTING PROCEDURES

Chairperson Landis opened the Public Hearing at 11:55 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Kunaniec reviewed the proposed changes as set forth in the APCO's report entitled, Public Hearing to Consider Amendments to Volume II and IV of the Manual of Procedures, dated November 23, 1983.

Director Moskowitz left at 11:59 A.M.

Chairperson Landis called for public testimony. There was none.

Mrs. Rudee moved the Public Hearing be closed at 11:59 A.M.; seconded by Mr. Aramburu; carried.

Mr. Ogawa moved the adoption of Resolution 1502, In the Matter of Amending the Manual of Procedures; seconded by Mrs. Rudee; carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CUNNINGHAM, DOETSCH, HUGHAN, LANDIS, NICOLOPULOS, OGAWA, RUDEE.

NOES: NONE.

ABSENT: BRITT, CORCORAN, DIRIDON, McPEAK, MOSKOWITE, SILVER, SPEIER, WILSON.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein requested permission for a Staff member to travel to Portland, Oregon November 30, 1983, to attend a Workshop on Wood Burning and Its Contribution to Air Pollution; that expenses would be paid by EPA. Mr. Ogawa so moved; seconded by Mr. Aramburu; carried.

- - -

Mr. Feldstein presented a Memorandum to the Press-Notice of Press Conference on Friday, December 2, 1983 with respect to the Inspection and Maintenance program.

Mr. McHugh reviewed the 3 meetings held to date on the Inspection and Maintenance program, and outlined the future meetings thereon.

- - -

There was discussion on when the Board would meet with its legislators in Sacramento, Chairperson Landis requesting this matter be agendized for the December 7, 1983 Board meeting.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Chairperson Landis reported on a meeting with EPA and other officials on November 17, 1983, with respect to solid waste management.

BOARD MEMBERS' COMMENTS

Mrs. Rudee reported on the Inspection & Maintenance meeting in Santa Rosa, and the concerns expressed by those in attendance about the recovery of money spent on the equipment, at the allowable price to be charged, and the obsolescence of the equipment in 2 years.

In discussion, Mr. Cooper pointed out that this information could be obtained from other States who have had the program.

OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated  
November 2, 1983.

Pending Board Referrals to Advisory Council, dated  
February 2, 1983.

TIME AND PLACE OF NEXT MEETING

Wednesday, December 7, 1983, 9:30 A.M., 939 Ellis Street, San  
Francisco, California.

Mr. Bort moved the meeting be adjourned at 12:10 P.M.; seconded  
by Mr. Ogawa; carried.

Respectfully submitted,

Mabel Harder  
Clerk of the District





**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

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San Francisco, California 94109



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University of California  
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JAN 9 1984

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
December 7, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California 94109

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F.  
Cunningham, Rod Diridon, Ralph P.  
Doetsch, Sr., Roberta H. Hughan,  
L. N. "Judge" Landis, Sunne Wright  
McPeak, Harold I. Moskowitz, Gus  
J. Nicolopoulos, Frank H. Ogawa,  
Helen B. Rudee, Carol Ruth Silver,  
K. Jacqueline Speier, Susanne  
Wilson.

BOARD MEMBER ABSENT:

None.

ADVISORY COUNCIL MEMBERS  
PRESENT:

John S. Lagarias, Secretary;  
Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Paul Brand, Hulan F. Brinkley,  
Daniel Goalwin, Peter Hess,  
Herbert C. Johnson, Victor  
Morales, John F. Powell, Lewis H.  
Robinson, Mabel Harder.

- - -



Chairperson Landis called the meeting to order at 9:35 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF NOVEMBER 30, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

There were no communications.

DIVISION MONTHLY REPORTS

The following reports were presented:

Director of Enforcement Monthly Activity Report-Report Period October 21, 1983 through November 20, 1983; Director of Permit Services Division Monthly Activity Report, October 21, 1983 to November 20, 1983; Director of Planning Division Activity Report, October 19, 1983 through November 20, 1983; Director of Technical Services Monthly Activity Report October 16 through November 15, 1983; Director of Public Information Monthly Activity Report-October 25, 1983-November 28, 1983; Status of Legal Matters: October 25-November 27, 1983; Director of Administrative Services Appropriation Statement and Cash Position-October 31, 1983.

REFUNDS

The APCO's report entitled, Refunds, dated November 30, 1983, was presented.

SET THE FOLLOWING PUBLIC HEARINGS FOR FEBRUARY 1, 1984:

Consideration of Adoption of Regulation 10, Rule 35 Regarding New Source Performance Standards for Beverage Can Surface Coating Operations.

Consideration of Adoption of Regulation 10, Rule 36 Regarding New Source Performance Standards for Pressure Sensitive Tape and Label Surface Coating Operations.

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The APCO's report entitled, Setting of Public Hearing - Conflict of Interest Statement, dated November 30, 1983, was presented.

DESIGNATION OF AIR POLLUTION CONTROL OFFICER AS  
DISTRICT'S REPRESENTATIVE TO AUTO INSPECTION AND  
MAINTENANCE OVERSIGHT COMMITTEE

The APCO's report entitled, Oversight Committee on Auto Inspection and Maintenance (SB-33), dated November 30, 1983, was presented.

Adopted Resolution No. 1503, In the Matter of Appointing a Representative to the Review Committee Authorized by SB-33 (1982).

Mr. Ogawa moved the adoption of the above Consent Calendar items; seconded by Mr. Corcoran.

Mr. Feldstein requested a correction to the Agenda for December 7, 1983, page 2, under Schedule of Public Hearings, to read "January 18, 1984".

The motion then carried on roll call:

AYES: ARAMBURU, BORT, COOPER, CORCORAN, CUNNINGHAM,  
DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: BRITT, DIRIDON, McPEAK, SILVER.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO REGULATION 9,  
RULE 4 CONCERNING CONTROL OF NITROGEN OXIDE EMISSIONS  
FROM FAN TYPE RESIDENTIAL CENTRAL FURNACES

Chairperson Landis opened the Public Hearing at 9:40 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Johnson reviewed the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 9, Rule 4: Nitrogen Oxides from Fan Type Residential Central Furnaces, dated November 30, 1983, and the proposed changes to the Regulation.

Mrs. McPeak arrived at 9:43 A.M.

There was discussion on any costs involved in the proposed changes, the NO<sub>x</sub> reduction, the attendance at the Workshops and the reasons for the amendments.

Chairperson Landis called for Public Testimony.

The following made a presentation:

Dave Lewis  
Lennox Industries

addressed the cost issue, stating the average additional cost to the homeowner will be \$75-100; that production on low NO<sub>x</sub> furnaces has started; expressed appreciation for the cooperation shown in developing the Regulation; will meet the efficiency regulation which is effective July 1984.

Ike Berger  
BDP Company  
Anaheim

addressed the cost involved for the new furnaces; invited the Directors to visit their facilities in Southern California; requested Certification form be changed to conform to that used by the SCAQMD; requested industry be allowed a family plan type of testing.

Ms. Silver arrived at 9:59 A.M.

Mr. Berger requested that the last 4 columns in Item 8 of the Certification form be deleted.

In discussion, Mr. Feldstein stated the Staff would work with the industry to seek uniformity in the form.

Mr. Britt arrived at 10:00 A.M.

Mr. Aramburu moved the Public Hearing be closed at 10:02 A.M.; seconded by Mr. Ogawa; carried.

Mr. Ogawa moved the adoption of Resolution No. 1504, In the Matter of Amending Rule 4 of Regulation 9 Relating to Fan Type Central Furnaces; seconded by Mr. Aramburu; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DIRIDON, HUGHAN, LANDIS, McPEAK,  
MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: DOETSCH.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO REGULATION 8,  
RULE 29, SECTION 305 (AEROSPACE ASSEMBLY COATING  
OPERATIONS) CONCERNING STRIPPER LIMITATIONS

Chairperson Landis opened the Public Hearing at 10:04 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Morales reviewed the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 8, Rule 29: Aerospace Assembly Coating Operations, dated November 30, 1983, and the proposed amendments to the Regulation.

Chairperson Landis called for Public Testimony.

There was none.



Mr. Ogawa moved the Public Hearing be closed at 10:05 A.M.; seconded by Mr. Aramburu; carried.

Mr. Aramburu moved the adoption of Resolution No. 1505, In the Matter of Amending Rule 29 of Regulation 8 Relating to Aerospace Assembly Coating Operations; seconded by Ms. Speier; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CUNNINGHAM, DIRIDON,  
DOETSCH, HUGHAN, LANDIS, MOSKOWITE, NICOLOPULOS,  
OGAWA, RUDEE, SILVER, SPEIER, WILSON.

NOES: NONE.

ABSENT: COOPER, CORCORAN, McPEAK.

PUBLIC HEARING TO CONSIDER AMENDMENTS TO REGULATION 10,  
RULE 9 CONCERNING NEW PLANT PERFORMANCE STANDARDS FOR  
STORAGE VESSELS CONTAINING PETROLEUM LIQUIDS

Chairperson Landis opened the Public Hearing at 10:07 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Brinkley reviewed the APCO's report entitled, Public Hearing to Consider Amendments to Regulation 10, Rule 9: New Plant Performance Standards - Storage Vessels for Petroleum Liquids, dated November 30, 1983, and the proposed amendments to the Regulation.

Mr. Brinkley advised the affected industry was concerned in 3 areas: Definition of "completely empty", which he defined; definition of "subsequently refilled", which he defined, and "refill as rapidly as possible" which he outlined and explained as to intent.

Ms. Silver stated she felt Section 301.1 was too vague, and there was discussion on the amount of emissions from the liquid left in the tank after the tank had been emptied.

After further discussion, Ms. Silver suggested Regulation 8 be amended to more clearly define "as rapidly as possible". Chairperson Landis requested the Staff to make a report on this proposal in a month.

There was discussion on the District's legal right to adopt Regulations more stringent than those promulgated by EPA.

Chairperson Landis called for Public Testimony and the following made a presentation:

Cullen Stephensen  
Exxon Corporation

addressed the vapor space which occurs when a tank is emptied; expressed concern about the wording "completely empty and subsequently refilled" in Section 301.1, stating this would not allow them to clean the tank.

Mr. Aramburu moved the Public Hearing be closed at 10:36 A.M.; seconded by Mr. Corcoran; carried.

Ms. Speier moved the adoption of Resolution No. 1506, In the Matter of Amending Rule 9 of Regulation 10 Relating to Storage Vessels for Petroleum Liquids; seconded by Mr. Aramburu; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DIRIDON, DOETSCH, HUGHAN, LANDIS,  
MCPEAK, MOSKOWITE, NICOLOPULOS, RUDEE, SILVER,  
SPEIER, WILSON.

NOES: NONE.

ABSENT: OGAWA.

Mr. Bort requested that the Staff's explanation of its interpretations be published, and Chairperson Landis requested this be done in Air Currents.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

Mr. Feldstein advised that at the next Board meeting the Staff would make an indepth presentation on the Inspection & Maintenance program. He outlined the meetings held in the various counties to date on the program.

Mr. Bort suggested that the District extend an invitation to the Press to have its cars tested on December 21 at the District.

Mr. Corcoran requested that a fact sheet on I&M be sent to the Directors for the December 21 meeting.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Chairperson Landis reported on the meeting the Board Officers held with the Board Liaison Committee of the Advisory Council today; that the Advisory Council is planning 2 industry tours of which the Directors will be informed should they wish to also make the tours.

- - -

Chairperson Landis announced that there would be an Adjourned Regular Meeting of the Board with the legislators on Wednesday, February 8, 1984; that the Staff will identify for each Director its legislators so that a personal invitation can be extended; and requested contributions from the Directors to pay for the lunch.

Mr. Diridon left at 10:46 A.M.

In discussion of the meeting with the legislators, Ms. Silver requested that the Ad Hoc Committee on Legislation be given an opportunity to consider an alternative way of structuring the meeting, suggesting individual luncheons between the Directors for each county and their legislators. Mr. Aramburu advised that the Ad Hoc Committee on Legislation would be meeting on January 4, 1984, and would discuss an Agenda for the meeting.

Ms. Speier moved that prior to the luncheon, the Directors meet for an hour with the legislators in a room at the Capitol to advise them of the District's activities and proposed legislation for the coming year; seconded by Mr. Ogawa; carried.

#### BOARD MEMBERS' COMMENTS

There were none.

#### OTHER

The following reports were presented:

Pending Referrals from Board of Directors, dated November 30, 1983.

Pending Board Referrals to Advisory Council, dated February 2, 1983.

#### TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, December 21, 1983, 939 Ellis Street, San Francisco, California.

The meeting adjourned at 10:50 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District



BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT  
939 ELLIS STREET  
SAN FRANCISCO, CA 94109



Jack Leister  
University of California  
109 Moses Hall, Governmental Study  
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UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday  
December 21, 1983  
9:30 A.M.

939 Ellis Street  
San Francisco,  
California

M I N U T E S

BOARD MEMBERS PRESENT:

Albert Aramburu, Joseph P. Bort,  
Harry G. Britt, Fred F. Cooper,  
Thomas J. Corcoran, John F.  
Cunningham, Ralph P. Doetsch, Sr.,  
Roberta H. Hughan, L. N. "Judge"  
Landis, Sunne Wright McPeak, Harold  
I. Moskowite, Gus J. Nicolopoulos,  
Frank H. Ogawa, Helen B. Rudee,  
K. Jacqueline Speier, Susanne  
Wilson.

BOARD MEMBERS ABSENT:

Rob Diridon, Carol Ruth Silver.

ADVISORY COUNCIL MEMBERS  
PRESENT:

John G. Hayes, Jack C. Oppenheimer.

STAFF MEMBERS PRESENT:

Milton Feldstein, Thomas F. Bell,  
Hulan F. Brinkley, Laurence G.  
Chaset, Daniel Goalwin, Peter Hess,  
Terry Lee, Dario Levaggi, John F.  
Powell, Lewis H. Robinson, Mary  
Veronda, Kildae Gooseff.

- - -

Chairperson Landis called the meeting to order at 9:38 A.M.

PUBLIC PRESENTATION

There was none.

APPROVAL OF MINUTES OF DECEMBER 7, 1983

COMMUNICATIONS

Thomas J. Corcoran, Secretary

The following communication was presented:

City of Hercules

REFUNDS

The APCO's report entitled, Refunds, dated December 14, 1983, was presented.

TRANSFER OF FUNDS AND APPROVAL FOR CAPITAL EXPENDITURE

The APCO's report entitled, Transfer of Funds and Approval of Capital Expenditure, dated December 14, 1983, was presented.

Adopted Resolution No. 1507, In the Matter of Approving Transfers of Funds and Approving Capital Expenditures.

APPROVAL FOR ONE MONTH EXTENSION OF  
TRC CONTRACT ON ECONOMETRIC MODELLING

The APCO's report entitled, Approval for Extension of Consultant's Contract Concerning Econometric Modelling, dated December 14, 1983, was presented.

Adopted Resolution No. 1508, In the Matter of Authorizing the Extension of Consultant's Contract Concerning Econometric Modelling.

REFERRALS

The APCO's report entitled, Referrals, dated December 14, 1983, was presented.

On motion of Mr. Ogawa; seconded by Mr. Doetsch; the above Consent Calendar Items carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM,  
DOETSCH, LANDIS, MOSKOWITE, NICOLOPULOS, OGAWA,  
RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: COOPER, DIRIDON, HUGHAN, McPEAK, SILVER.



Ms. Speier and Ms. Wilson arrived at 9:40 A.M.

PUBLIC HEARING TO CONSIDER CONTROL OF EMISSIONS FROM  
GRAPHIC ARTS OPERATIONS - REGULATION 10, RULE 31

Chairperson Landis opened the Public Hearing at 9:42 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider Adoption of Regulation 10, Rule 31 -- Graphic Arts Industry: Publication Rotogravure Printing, dated December 14, 1983, and defined New Source Performance Standard and the purposes therefore.

Ms. McPeak arrived at 9:44 A.M.

In review, Mr. Hess stated the new Rule would impact new, modified or reconstructed printing presses that commenced construction after October 28, 1980, the date the EPA adopted its Rule.

Ms. Hugan arrived at 9:46 A.M.

With the use of an overhead slide entitled, Graphic Arts, Comparison of Requirements, Mr. Hess reviewed the requirements under the proposed NSPS and under Regulation 8, Rule 20. Mr. Hess reviewed the information contained in the overhead slide entitled, Applicability, Exemptions, Standards, stating that new sources locating in the Bay Area must comply with both the federal Rule and with Regulation 8, Rule 20.

In discussion, Mr. Hess stated that the requirements in Regulation 8, Rule 20, are uniform throughout the State; that since the limitations set forth in the NSPS have been in effect since October 28, 1980, there should be no visible impact on industry.

In response to Ms. Wilson, Mr. Hess stated there are approximately 20 sources currently in operation in the Bay Area who do flexible packaging and graphic arts work; that since October 28, 1980, three new presses have come into the Bay Area using water-based inks.

Chairperson Landis called for Public Testimony.

There was none.

Mr. Moskowitz moved the Public Hearing be closed at 9:51 A.M.; seconded by Ms. Rudee; carried.

Ms. Rudee moved the adoption of Resolution No. 1509, In the Matter of Adopting Rule 31 of Regulation 10 Relating to New

Plant Performance and Emission Requirements for the Graphic Arts Industry; seconded by Mr. Aramburu; carried on roll call:

AYES: ARAMBURU, BORT, BRITT, CORCORAN, CUNNINGHAM, DOETSCH, HUGHAN, LANDIS, McPEAK, MOSKOWITE, NICOLOPULOS, OGAWA, RUDEE, SPEIER, WILSON.

NOES: NONE.

ABSENT: COOPER, DIRIDON, SILVER.

Mr. Cooper arrived at 9:53 A.M.

PUBLIC HEARING TO CONSIDER CONTROL OF EMISSIONS FROM  
METAL COIL COATING OPERATIONS - REGULATION 10, RULE 32

Chairperson Landis opened the Public Hearing at 9:54 A.M.

Mr. Powell presented the Clerk with 9 Affidavits of Publication of Notice of Public Hearing.

Mr. Hess reviewed the APCO's report entitled, Public Hearing to Consider Regulation 10, Rule 32 -- Metal Coil Surface Coating Operations, dated December 14, 1983.

With the use of an overhead slide entitled, Coil Coating - Comparison of Requirements, Mr. Hess reviewed the requirements of the proposed NSPS and of Regulation 8, Rule 11.

In response to Mr. Nicolopulos, Mr. Hess stated the requirements of Regulation 8, Rule 11 were adopted by the Board in 1978, at which time there was some industry opposition for existing sources; that in the interim time period all sources have achieved compliance by installing after-burners; that some sources have additionally installed heat recovery devices next to the after-burner to recover heat generated by burning organic solvents, which is subsequently used in the paint drying ovens; that consequently there is little opposition to the new requirements and that Rule 11 has been effective in reducing organic compound emissions from coil coating operations by 6/T/D. In response to Ms. Rudee, Mr. Hess stated the EPA's NSPS allows new can coil operators to turn off air pollution abatement equipment during winter months, resulting in odorous organic compound emissions; that the District's Regulation does not have such a provision.

Chairperson Landis called for Public Testimony. There was none.

Mr. Aramburu moved the Public Hearing be closed at 10:05 A.M.; seconded by Mr. Corcoran; carried.

Ms. Rudee moved the adoption of Resolution No. 1510, In the Matter of Adopting Rule 32 of Regulation 10 Relating to New Plant Performance and Emission Requirements for the Metal Coil Surface Coating Operations; seconded by Mr. Ogawa; carried on roll call:



AYES: ARAMBURU, BORT, BRITT, COOPER, CORCORAN,  
CUNNINGHAM, DOETSCH, LANDIS, McPEAK, MOSKOWITE,  
NICOLOPULOS, OGAWA, RUDEE, WILSON.

NOES: NONE.

ABSENT: DIRIDON, HUGHAN, SILVER, SPEIER.

PRESENTATION ON AUTO INSPECTION  
AND MAINTENANCE PROCEDURES

Mr. Feldstein reviewed his report entitled, Inspection and Maintenance Procedures, dated December 14, 1983, advising that the press will be invited to attend the testing procedures of Board members' vehicles at the conclusion of the January 4, 1984 Board of Directors meeting.

Mr. Gary Kendall, Senior Air Quality Engineer, stated the motor vehicle Inspection and Maintenance program is the most important control measure adopted as part of the Bay Area's Air Quality Management Plan for attainment of the federal ozone and carbon monoxide standards; that the I&M control measures are expected to reduce emissions from passenger cars and light-duty vehicles by approximately 25%; that this will amount to a reduction of approximately 29T/D of hydrocarbons and 367T/D of carbon monoxide by 1987.

With the use of overhead slides, Mr. Kendall reviewed the information sheets entitled, Pollutant Formation, Emission Controls, Inspection and Maintenance Process, Twelve-Point Underhood Inspection, and Idle Emission Test.

There was discussion on the importance of the combustion chamber design in the formation of pollutants, on the more recent trend of manufacturers to change back to higher compression ratios, and on the concerted efforts of manufacturers to get an engine designed to reach a higher operating temperature more quickly.

Chairperson Landis referred to the prospect of computer control systems on vehicles which may eventually lead to the phasing out of the I&M program, and to the technologies that can be imposed on internal combustion engines, after which there was discussion on the differences between the fuel injection and down-draft systems on a vehicle's carburetion system, on the stratified charge engine on certain foreign automobiles which have third valves, and the advantages thereof.

In discussion, Mr. Feldstein stated that even modified and new engine designs must still have some type of pollution control device to meet current standards, after which Mr. Kendall reviewed the stringent California standards for hydrocarbons and NO<sub>x</sub> and discussion followed on the thermal efficiency of



automobiles, Mr. Kendall stating the average engine achieves a thermal efficiency of 25-30%.

In further discussion, Mr. Kendall clarified the purpose of turbo charging and its effect on NO<sub>x</sub> emissions, discussed exhaust gas recirculation and reviewed the different idle emission standards, stating the analyzer determines the standards.

In response to Director Speier, Mr. Kendall advised that the cost of \$7-10M for the analyzer will be borne by the testing station. Mr. Feldstein reviewed the responsibilities of the referee stations operated by BAR and discussion followed on tampering; that no cost limit is imposed if tampering is discovered; on the cost of repairs leading to the issuance of a Certificate of Compliance; and the requirement for an I&M inspection upon transfer of ownership.

Mr. Landis outlined the differences in a decentralized versus centralized program, Mr. Feldstein commenting that there will be a statewide educational program provided by BAR and that the District has its own Task Force program to inform consumers.

After further discussion on tampering, Ms. Speier requested Gary Kendall to make a similar presentation on the I&M program to the San Mateo County Board of Supervisors, and before the Board of Supervisors of each county expressing an interest in such a presentation.

REPORT OF AIR POLLUTION CONTROL OFFICER  
Milton Feldstein

There was none.

CHAIRPERSON'S REPORT  
L. N. "Judge" Landis

Chairperson Landis reminded the Board members of its meeting with the legislators in Sacramento on February 8, 1984 and advised that the Advisory Council will be taking a tour of the Chevron U.S.A. facility on January 25, 1984 and of the Hewlett Packard facility on February 22, 1984, recommending that Board members join in those tours.

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Chairperson Landis expressed his appreciation to the District Staff for an excellent job done in 1983 and his wish for a happy holiday season.

BOARD MEMBERS' COMMENTS

There were none.

OTHER

The following report was presented:

Pending Board Referrals to Advisory Council, dated  
February 2, 1983.

TIME AND PLACE OF NEXT MEETING

9:30 A.M., Wednesday, January 4, 1984, 939 Ellis Street, San  
Francisco, California.

The meeting adjourned at 11:14 A.M.

Respectfully submitted,

Mabel Harder  
Clerk of the District

By Kildae Gooseff  
Assistant to the Clerk of the District



**BAY AREA  
AIR QUALITY MANAGEMENT DISTRICT**

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**FIRST CLASS**